

FIG. 1C

DATA STRUCTURE OF DATABASE

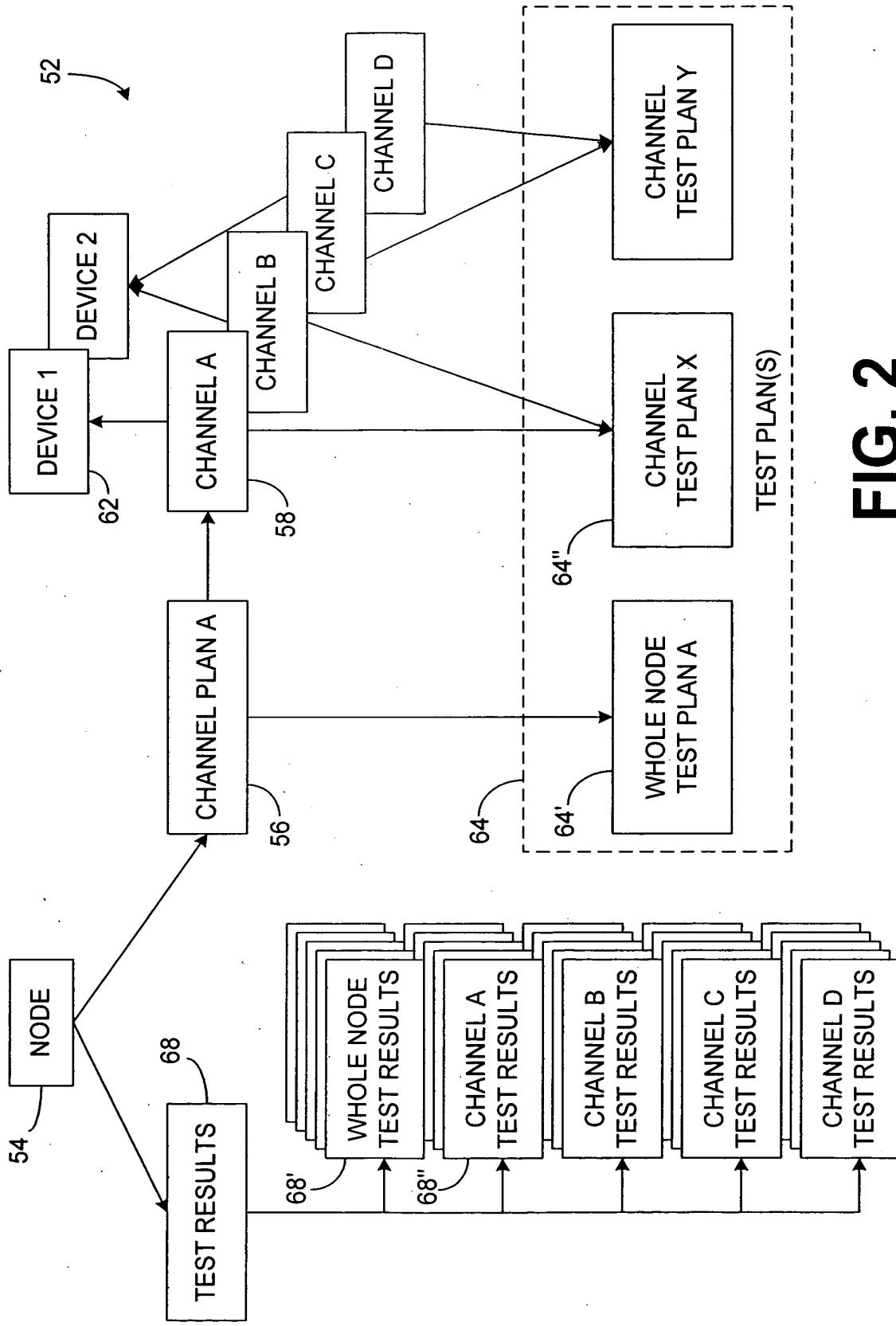


FIG. 2

CHANNEL PLAN

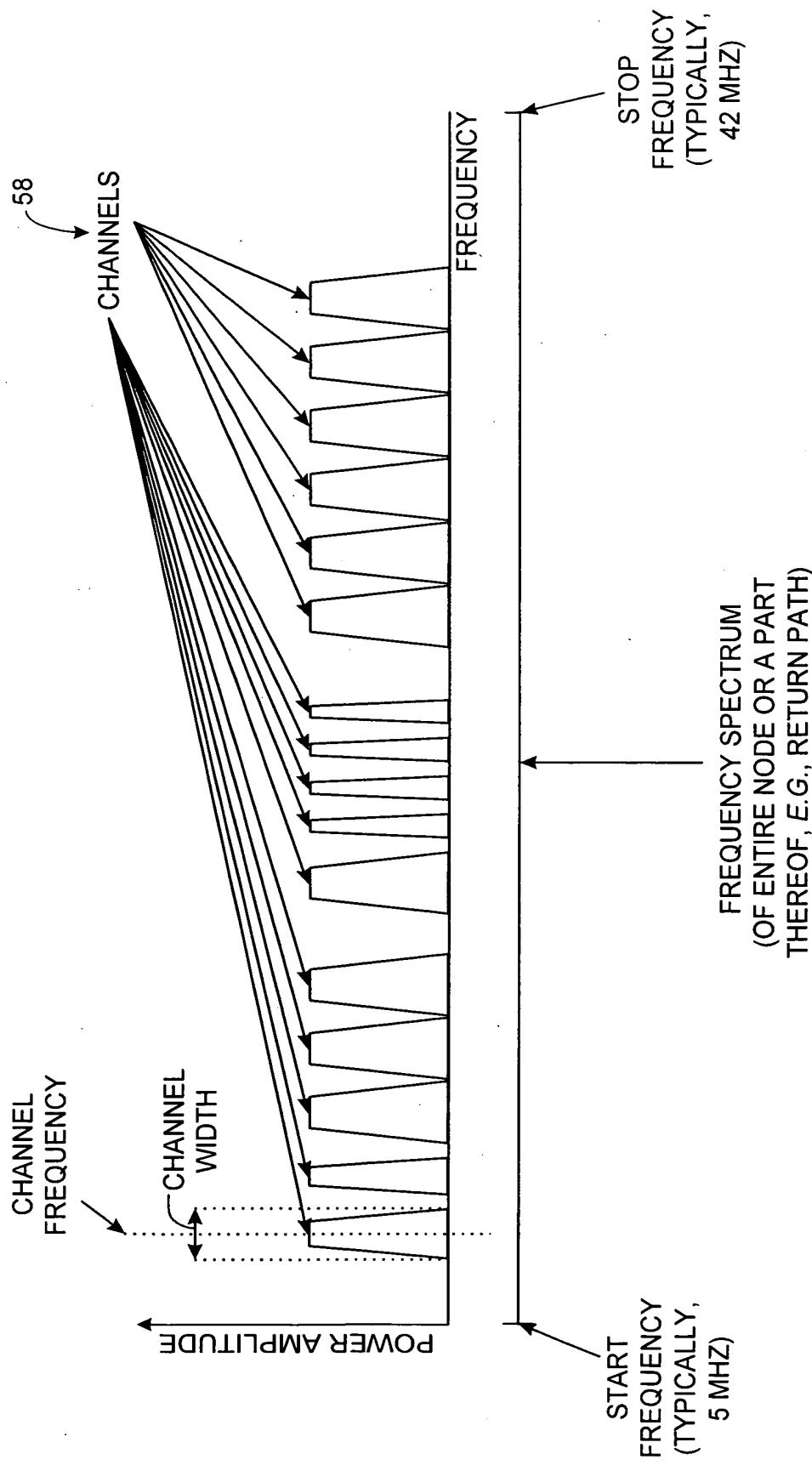
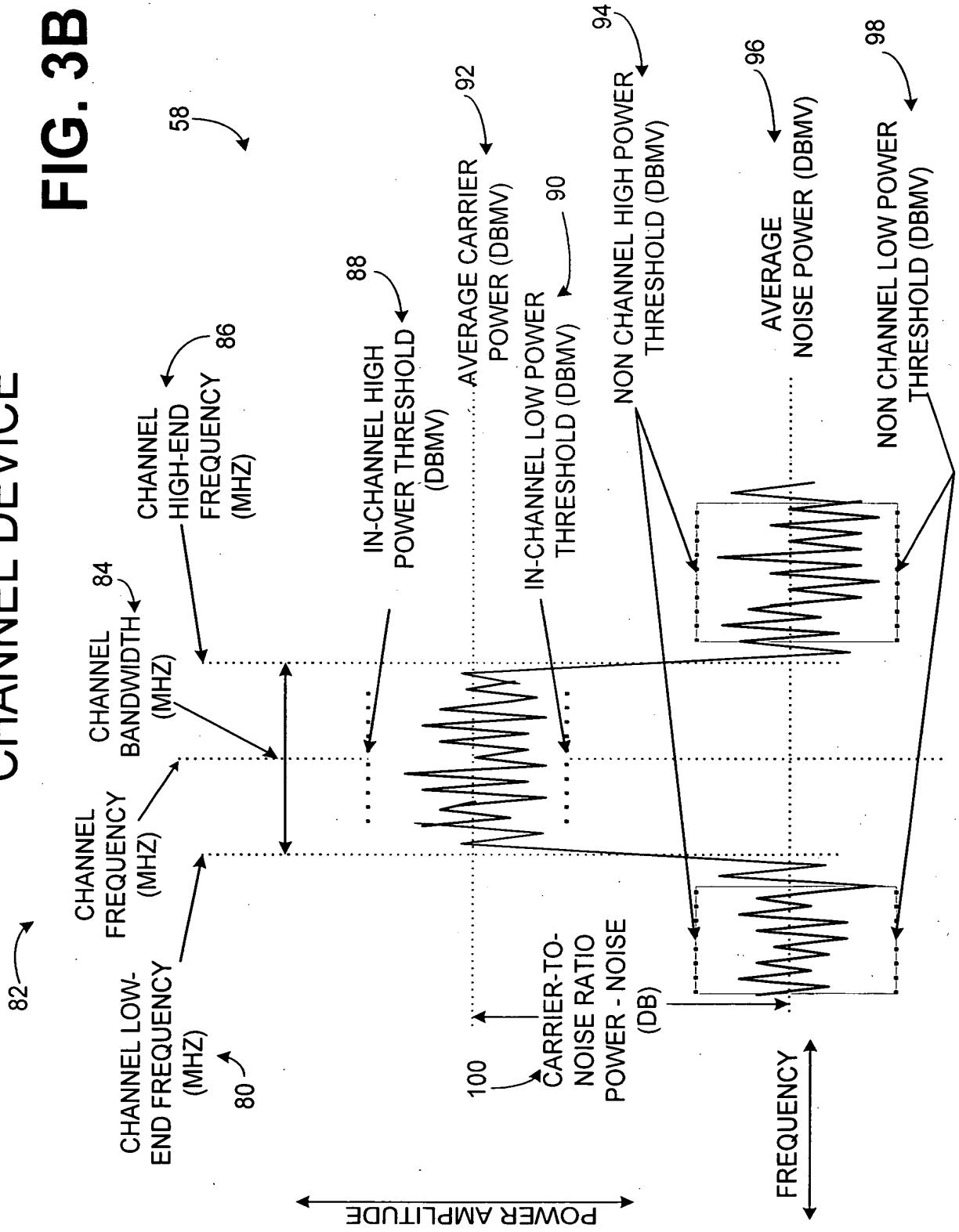


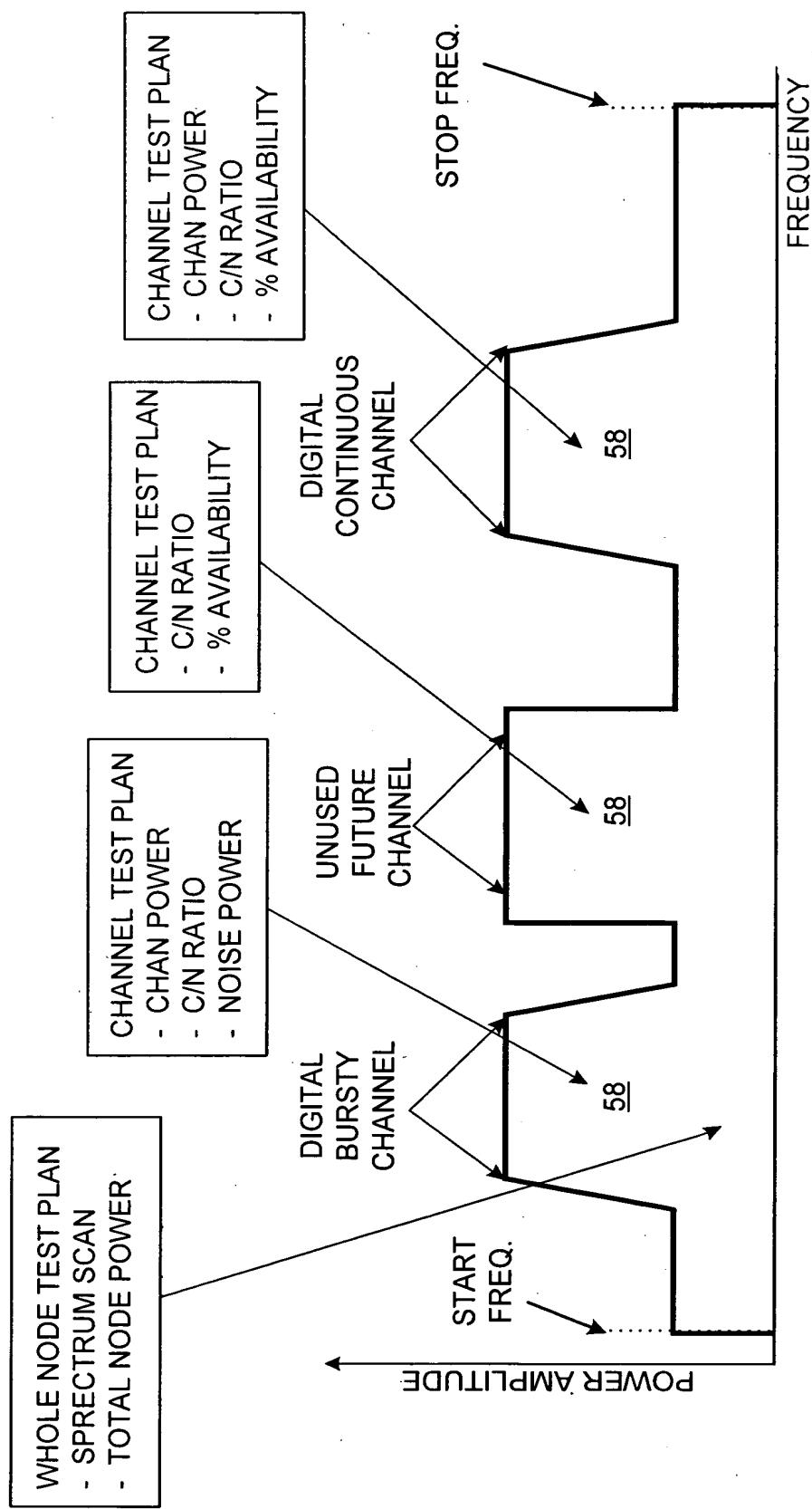
FIG. 3A

CHANNEL DEVICE

FIG. 3B



TEST PLAN



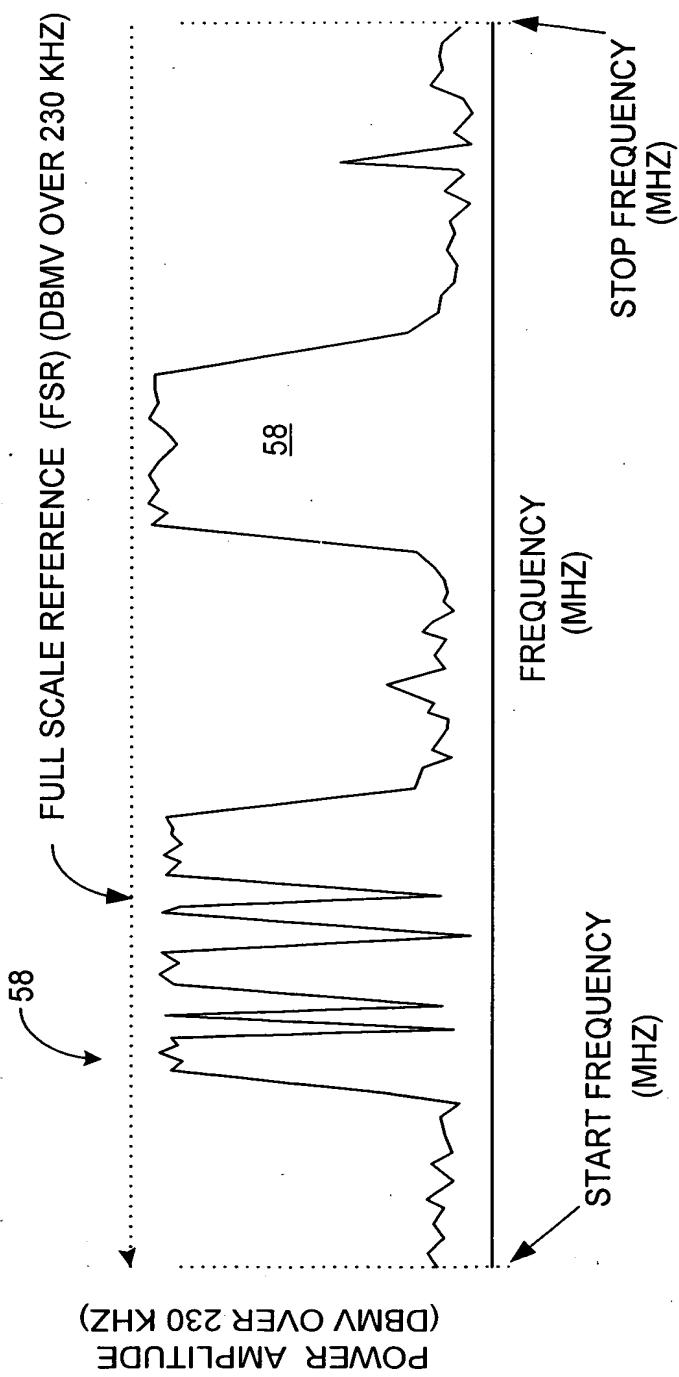
64

FIG. 3C

FIG. 3D

**SPECTRUM SCAN TEST
(WHOLE NODE)**

64a



SPECTRUM SCAN TEST (ALARM LIMITS)

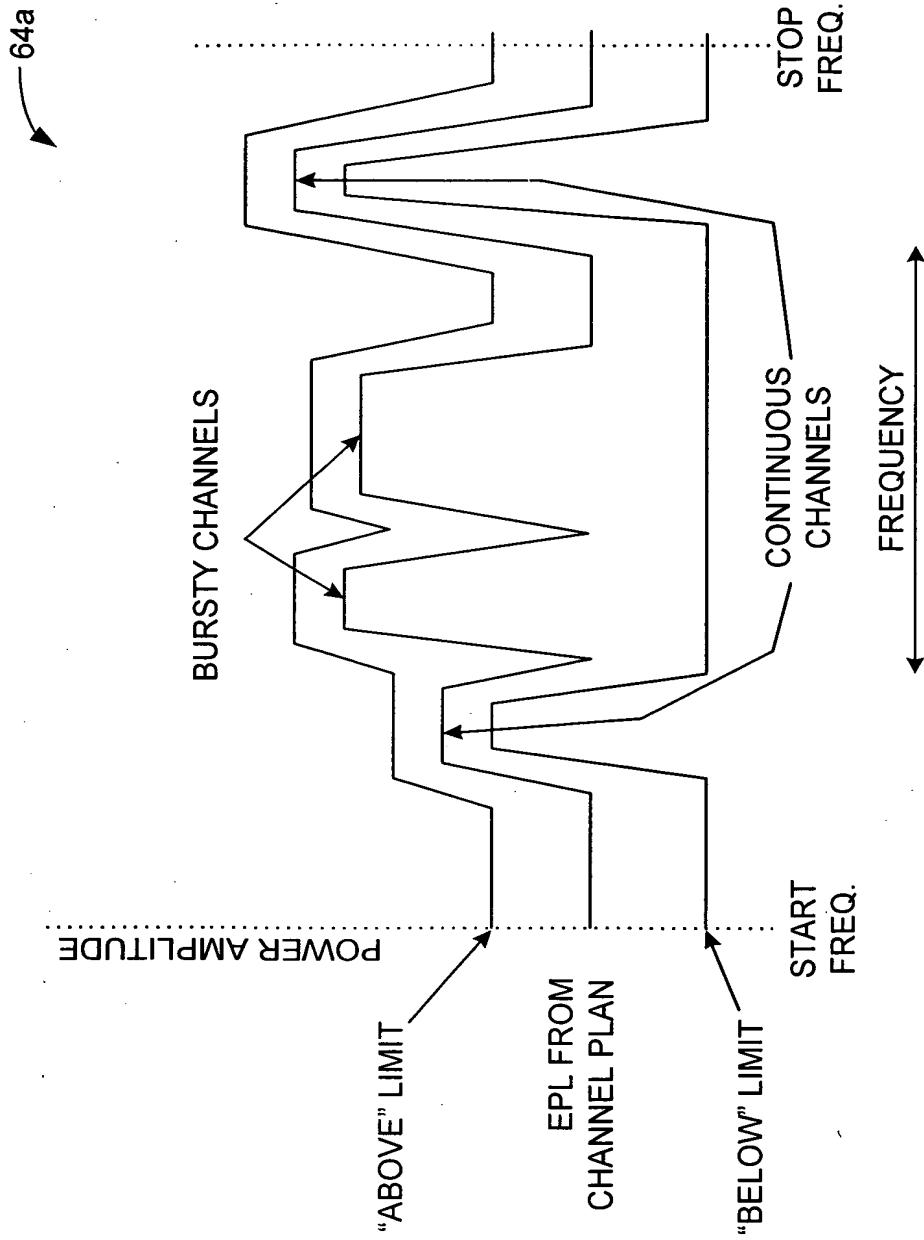


FIG. 3E

TOTAL NODE POWER TEST
(WHOLE NODE)

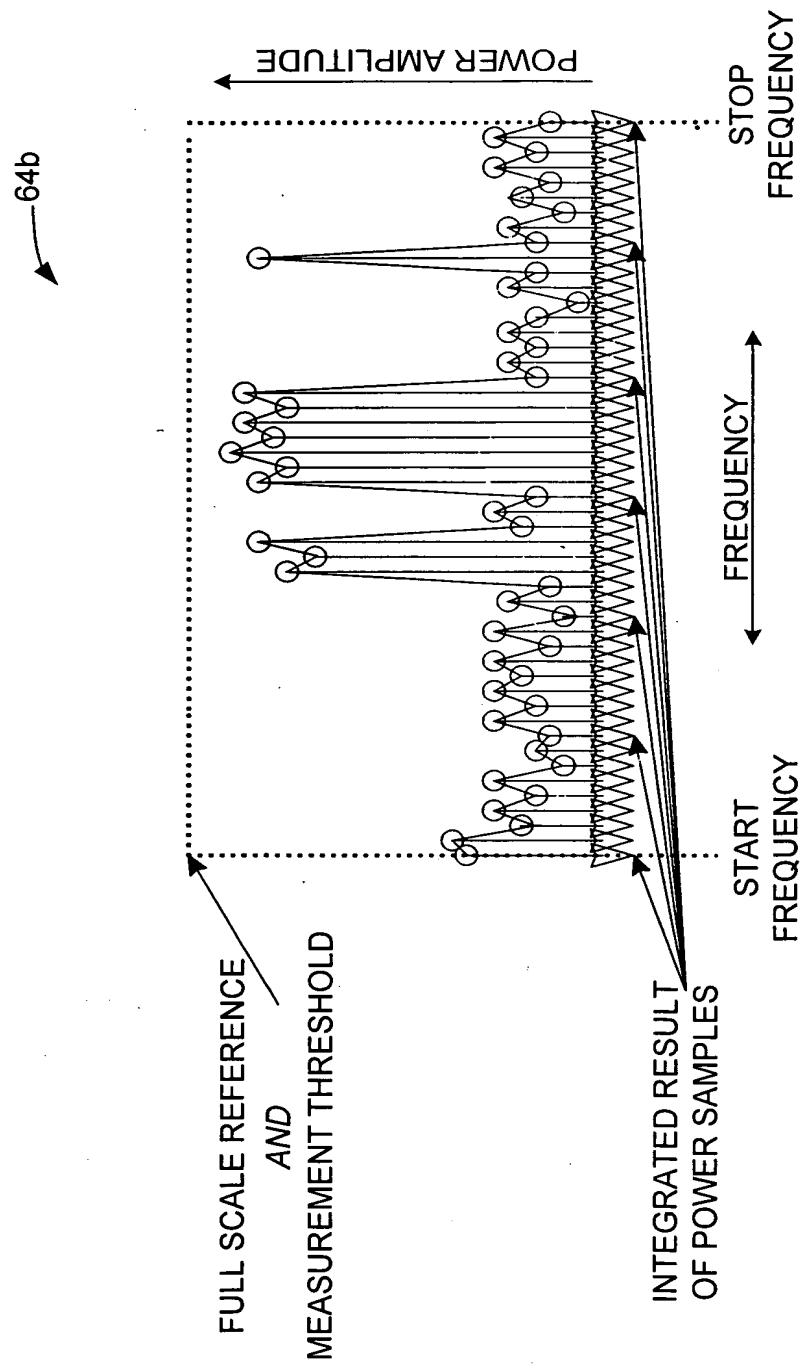


FIG. 3F

AVERAGE NOISE POWER TEST (CHANNEL)

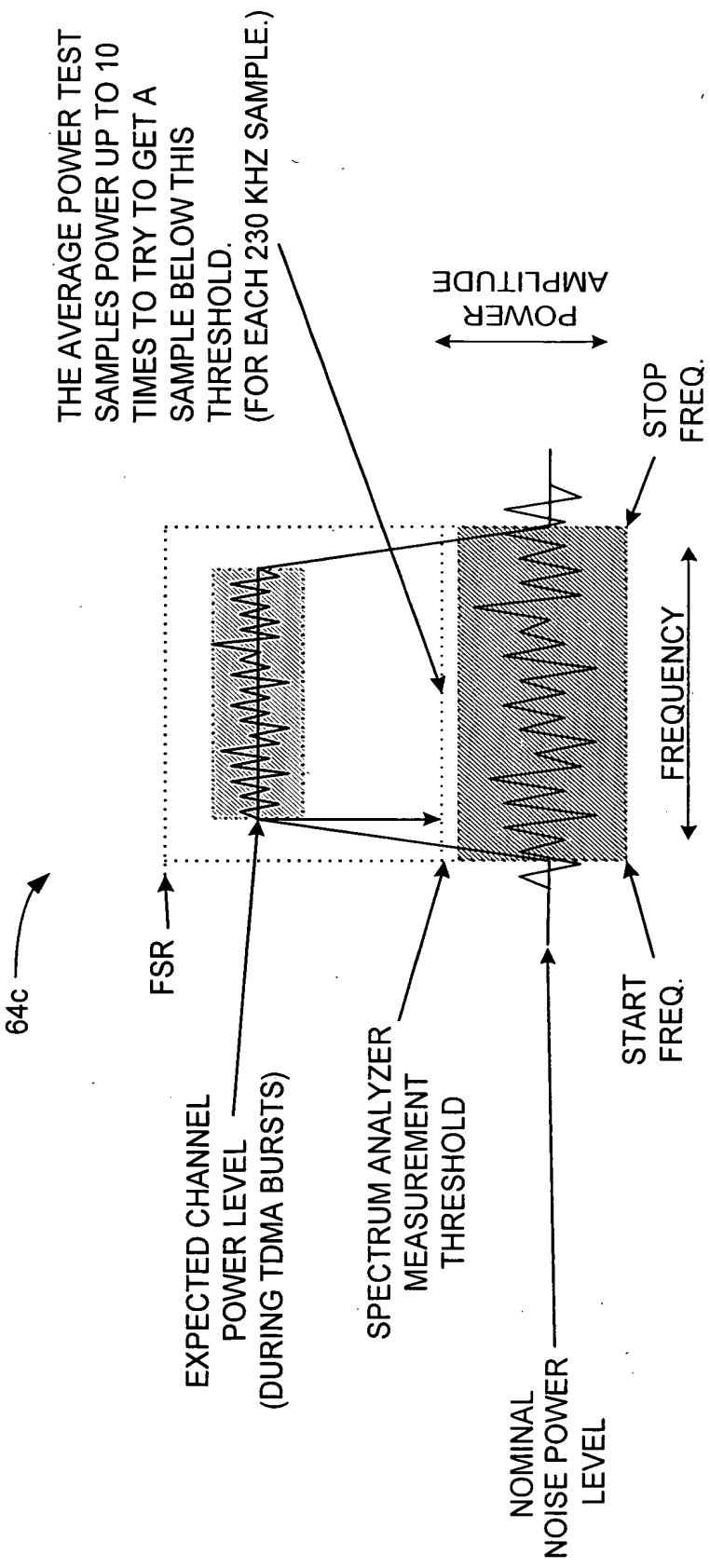


FIG. 3G

AVERAGE NOISE POWER TEST (ALARM LIMITS)

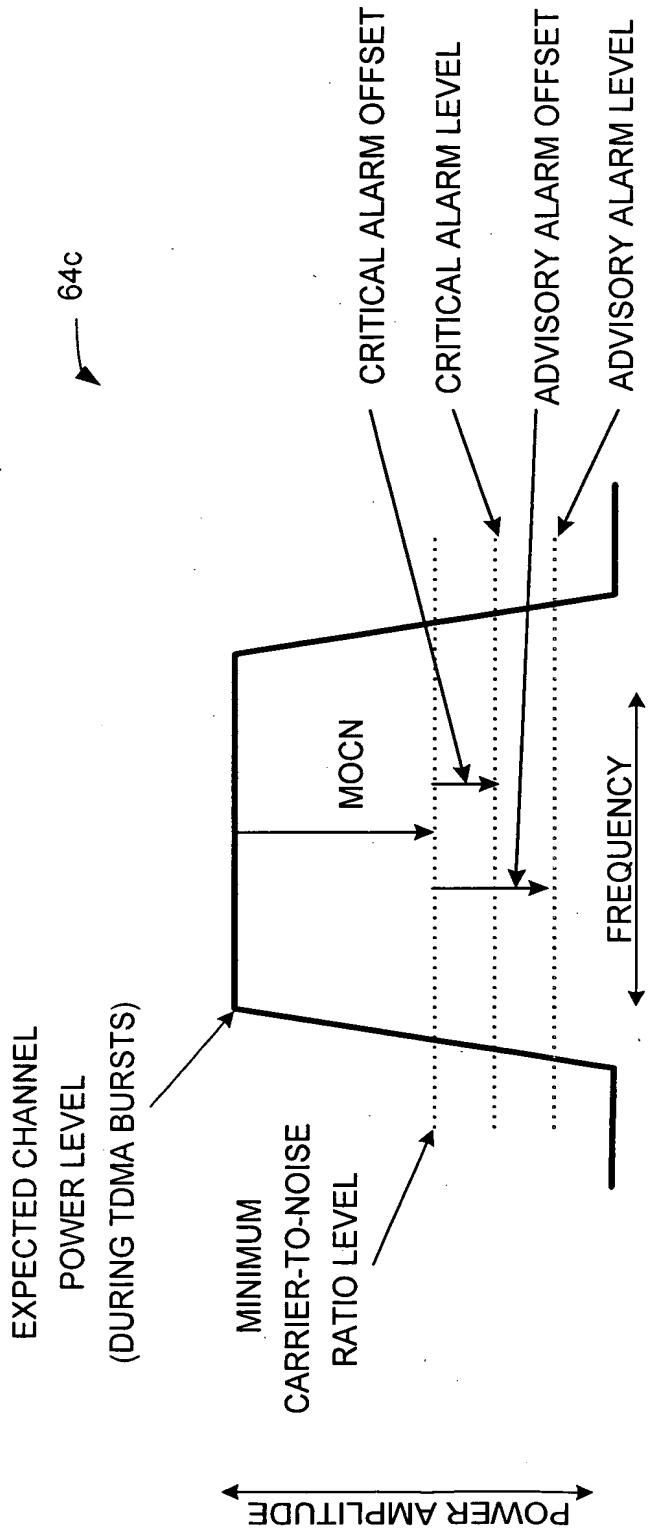


FIG. 3H

CHANNEL POWER TEST (CHANNEL)

64d

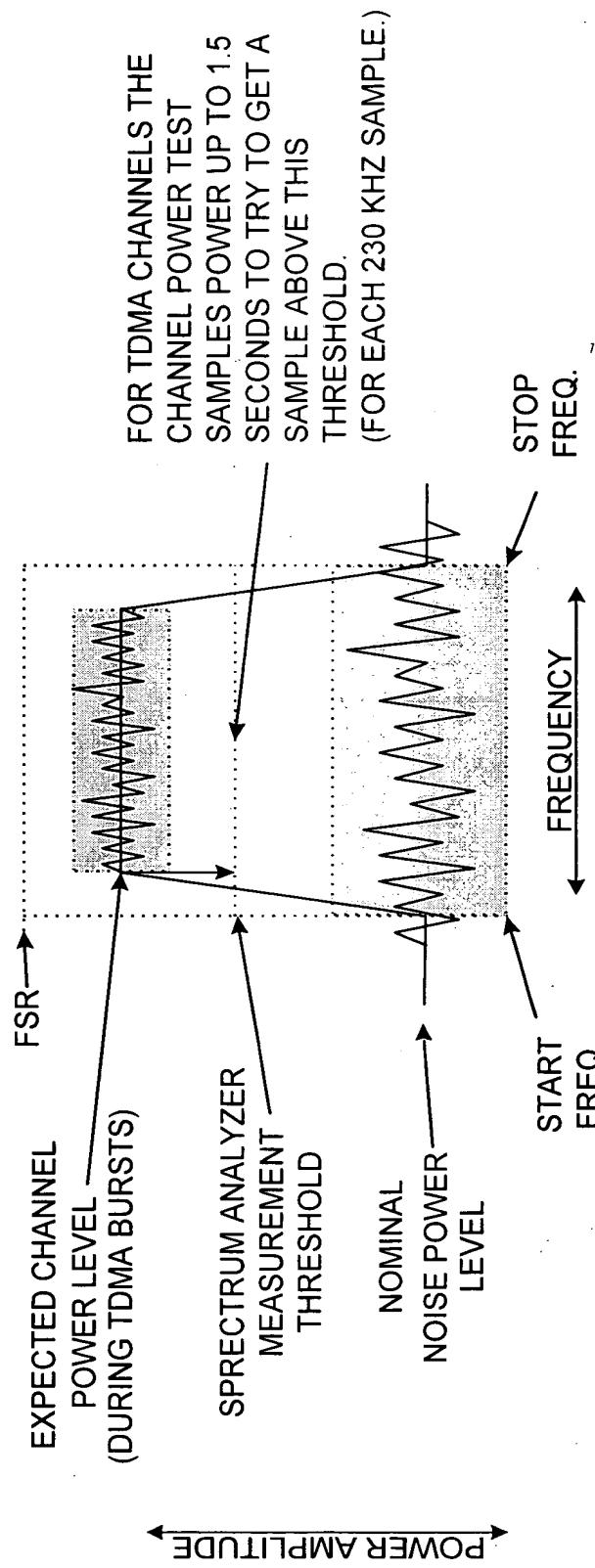


FIG. 31

CHANNEL POWER TEST (ALARM LIMITS)

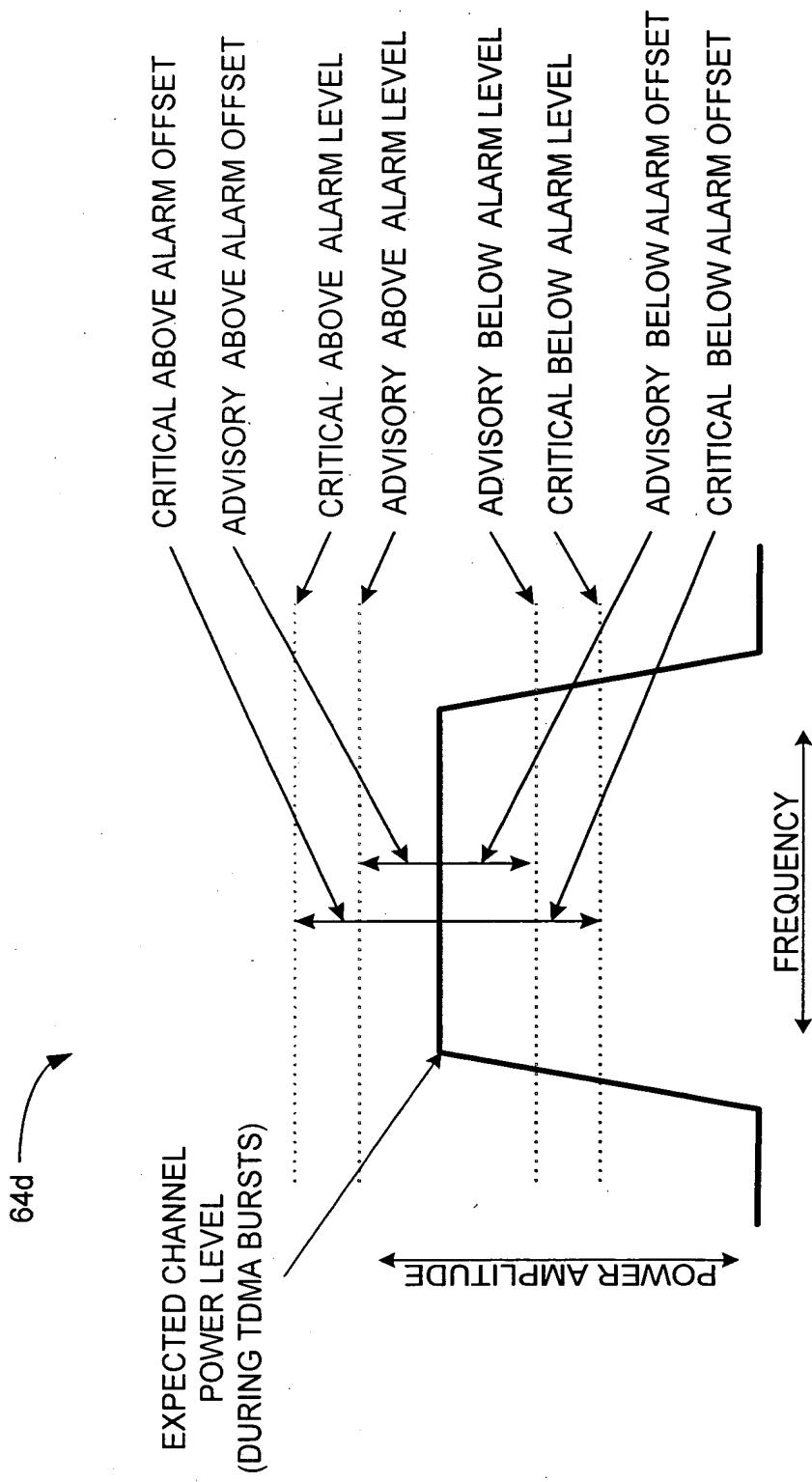


FIG. 3J

CHANNEL POWER TEST (TDMA BURSTS)

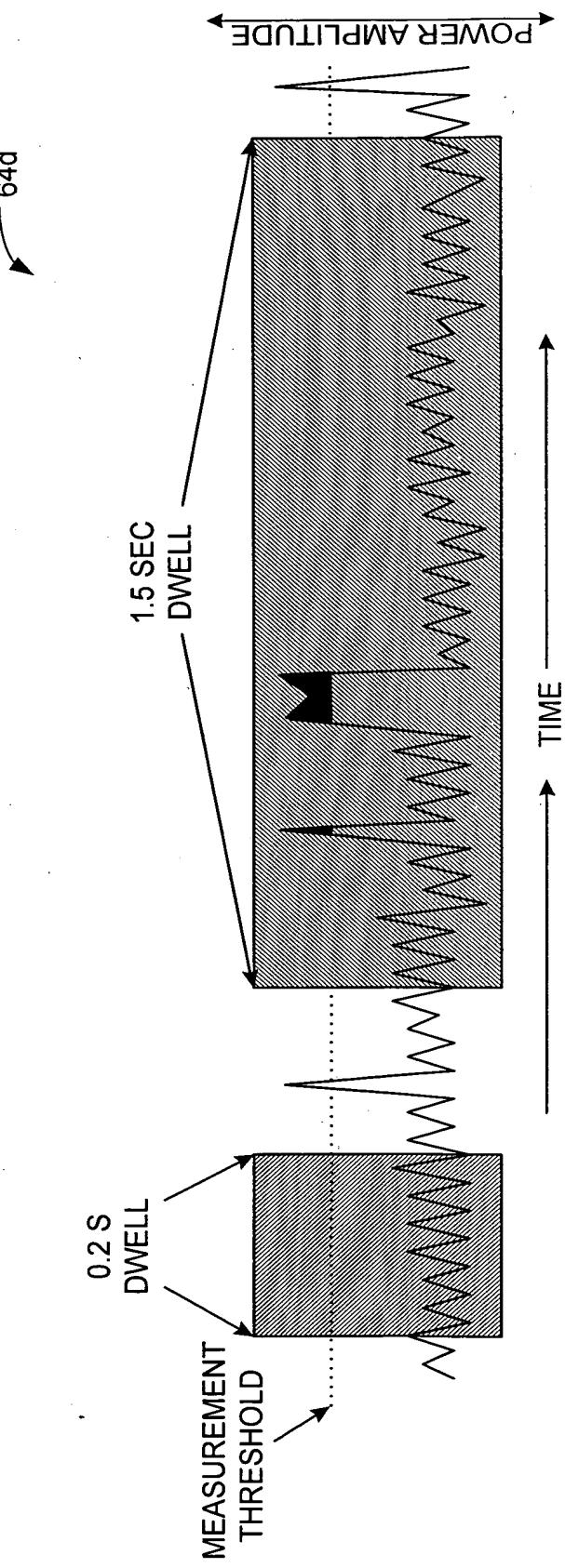


FIG. 3K

C/N TEST (CHANNEL)

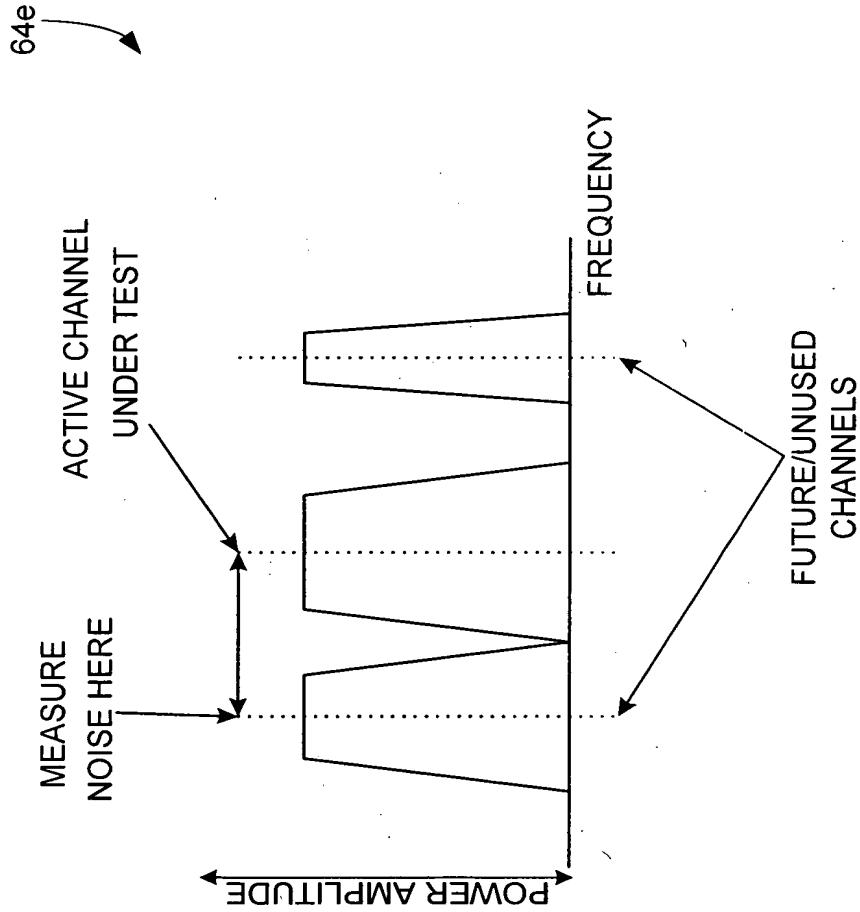


FIG. 3L

BURST COUNTER TEST (CHANNEL)

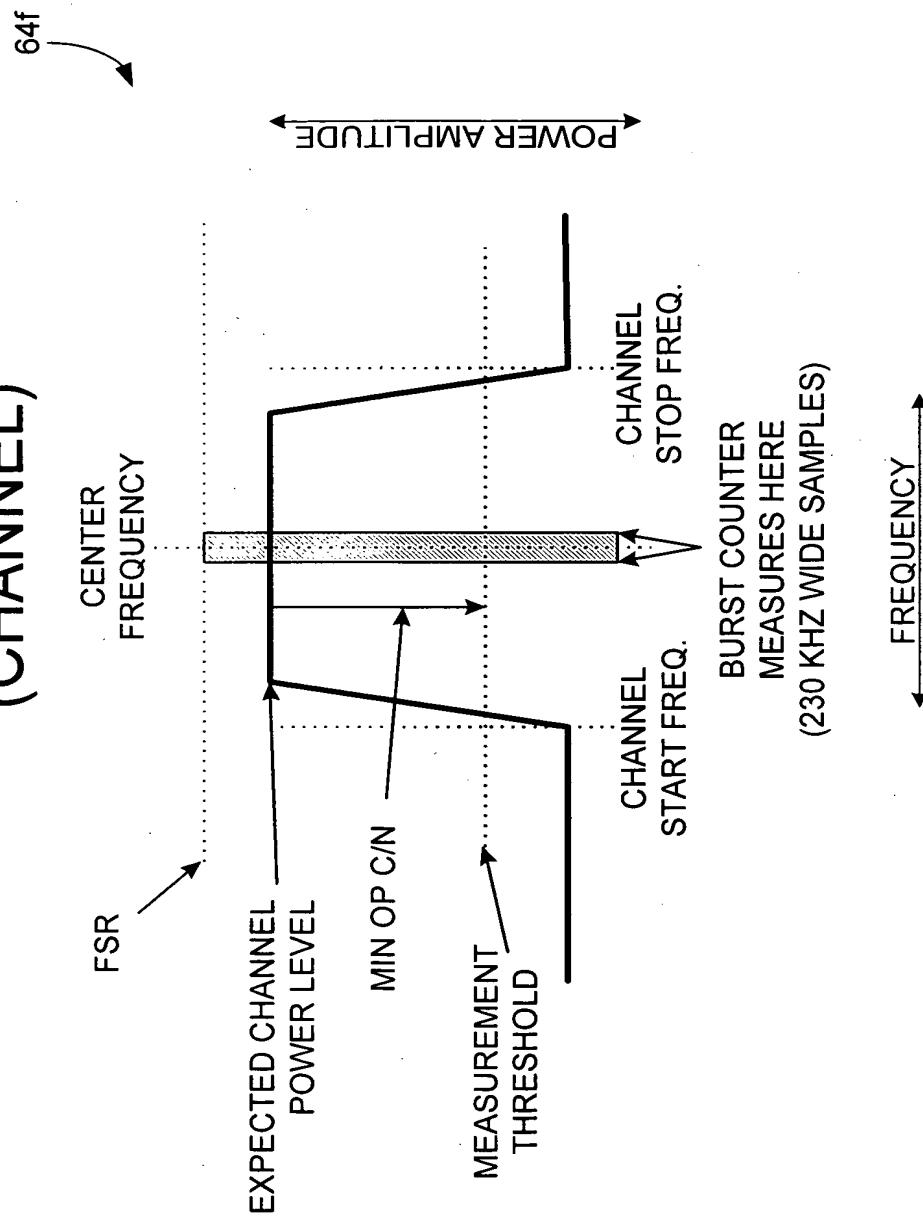


FIG. 3M

PERCENT AVAILABILITY TEST (CHANNEL)

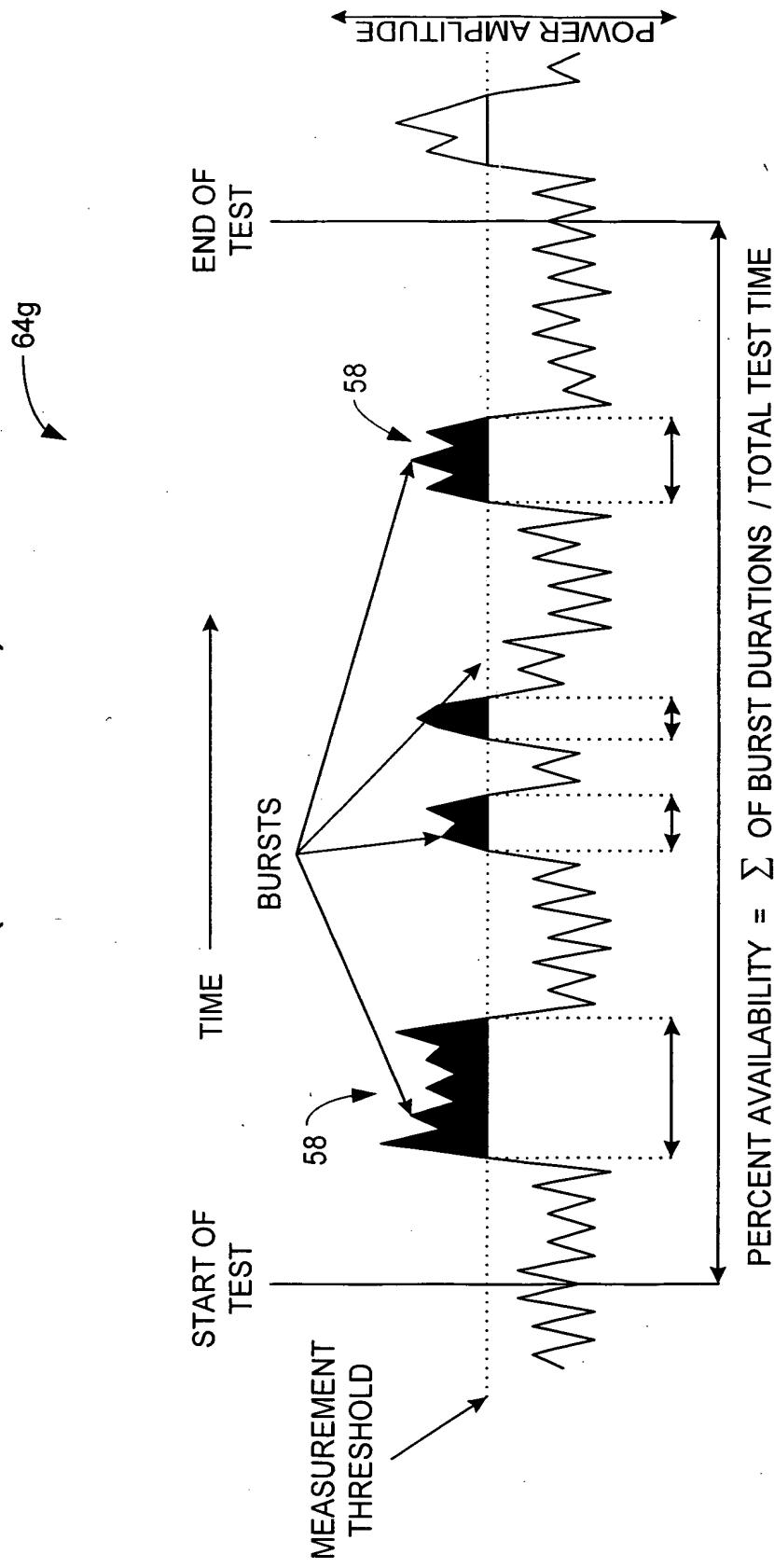


FIG. 3N

PERCENT AVAILABILITY TEST
(ACTIVE CHANNELS)

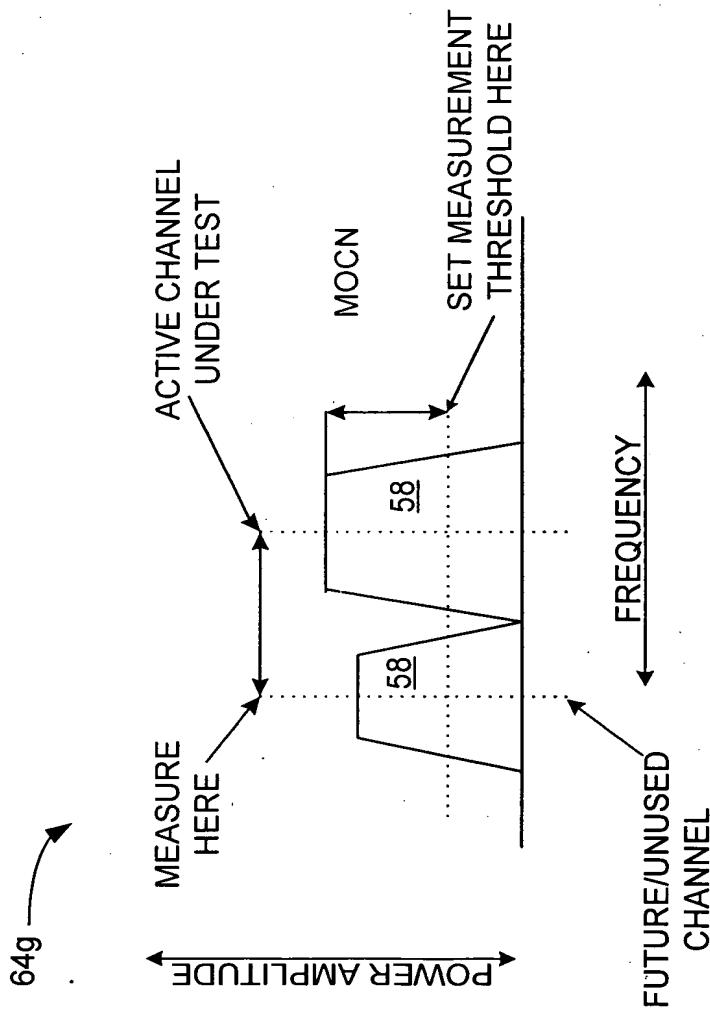


FIG. 30

FIG. 4

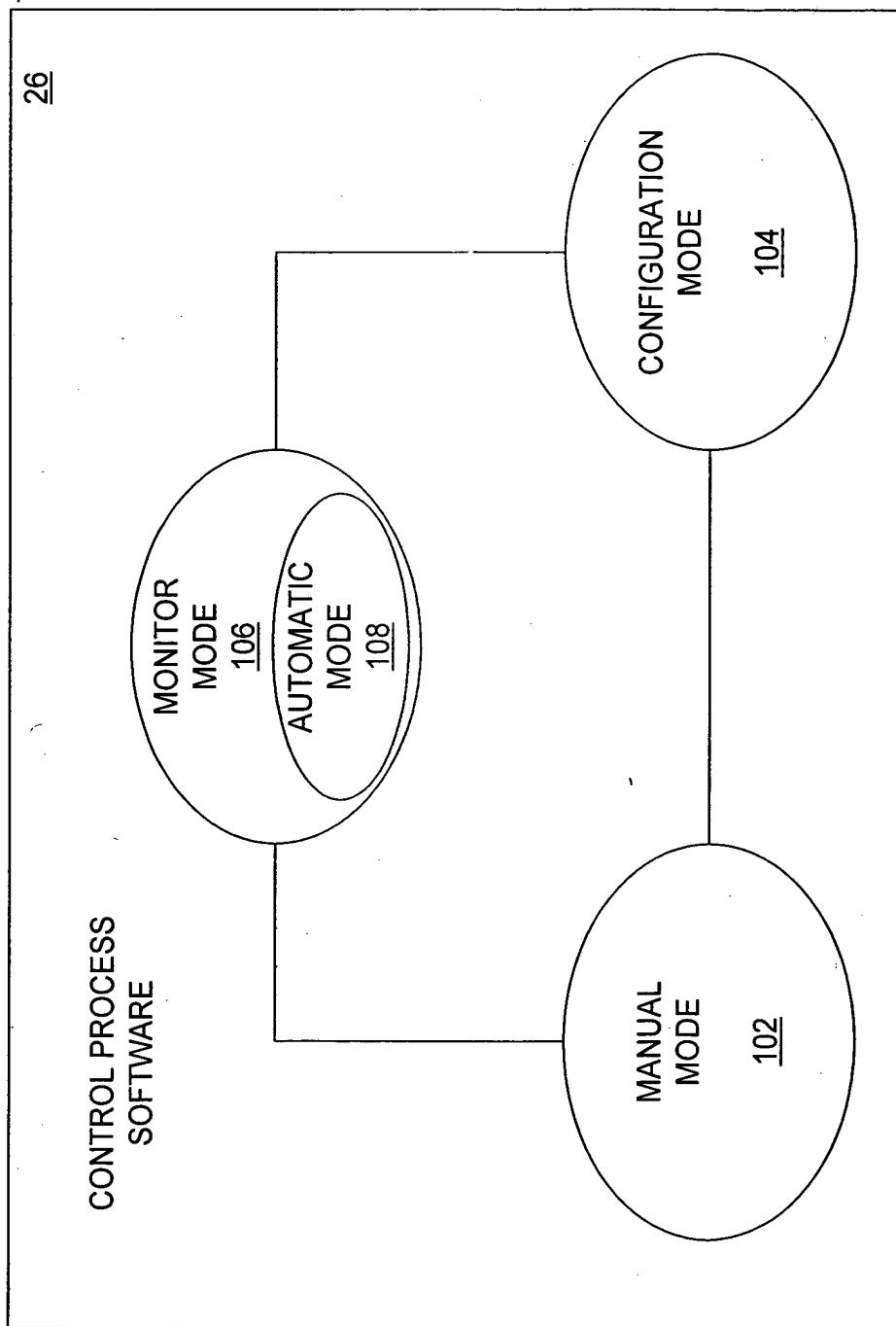


FIG. 5A

CHANNEL PLAN SETUP

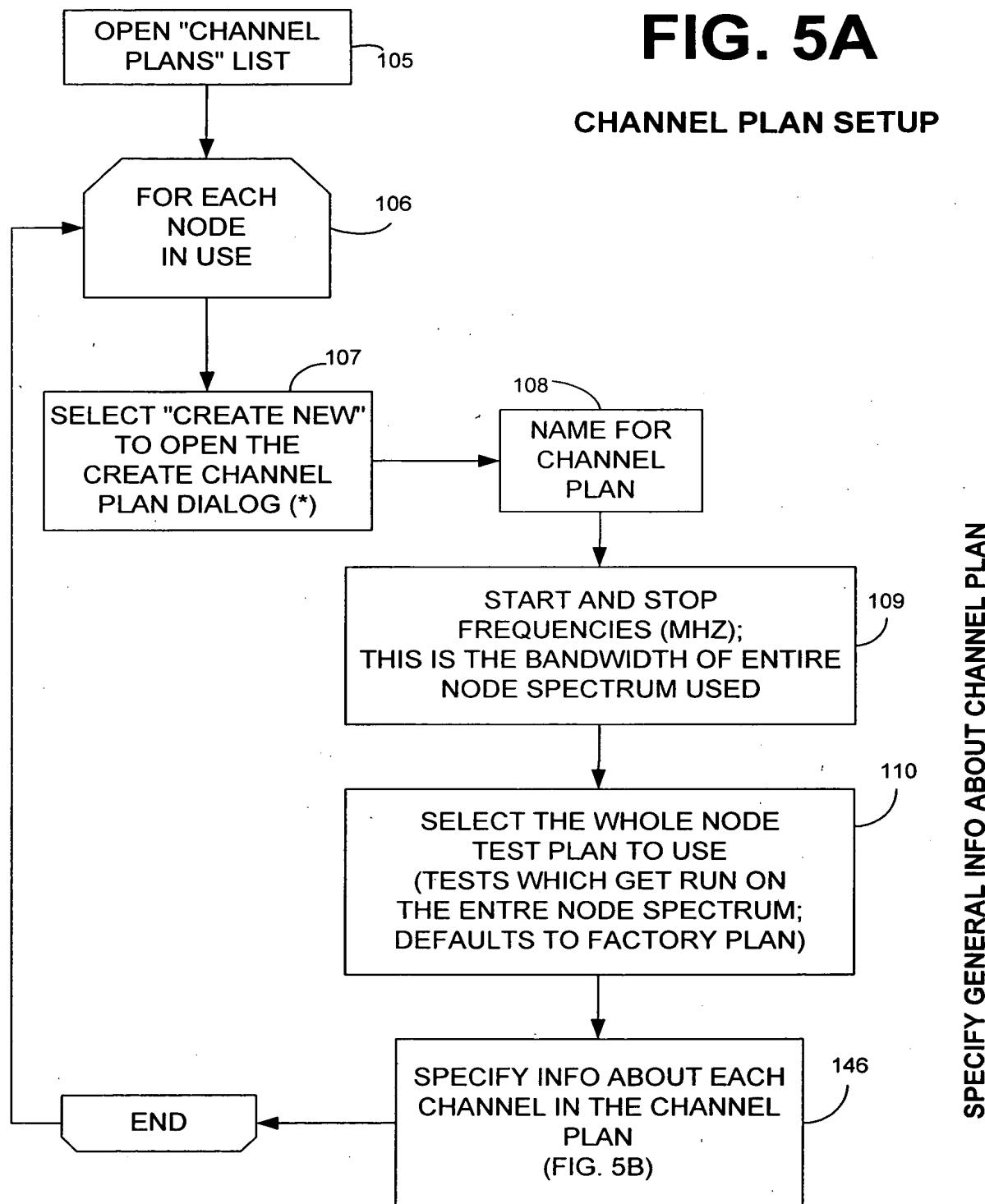


FIG. 5B

CHANNEL PLAN SETUP (CONTINUED)

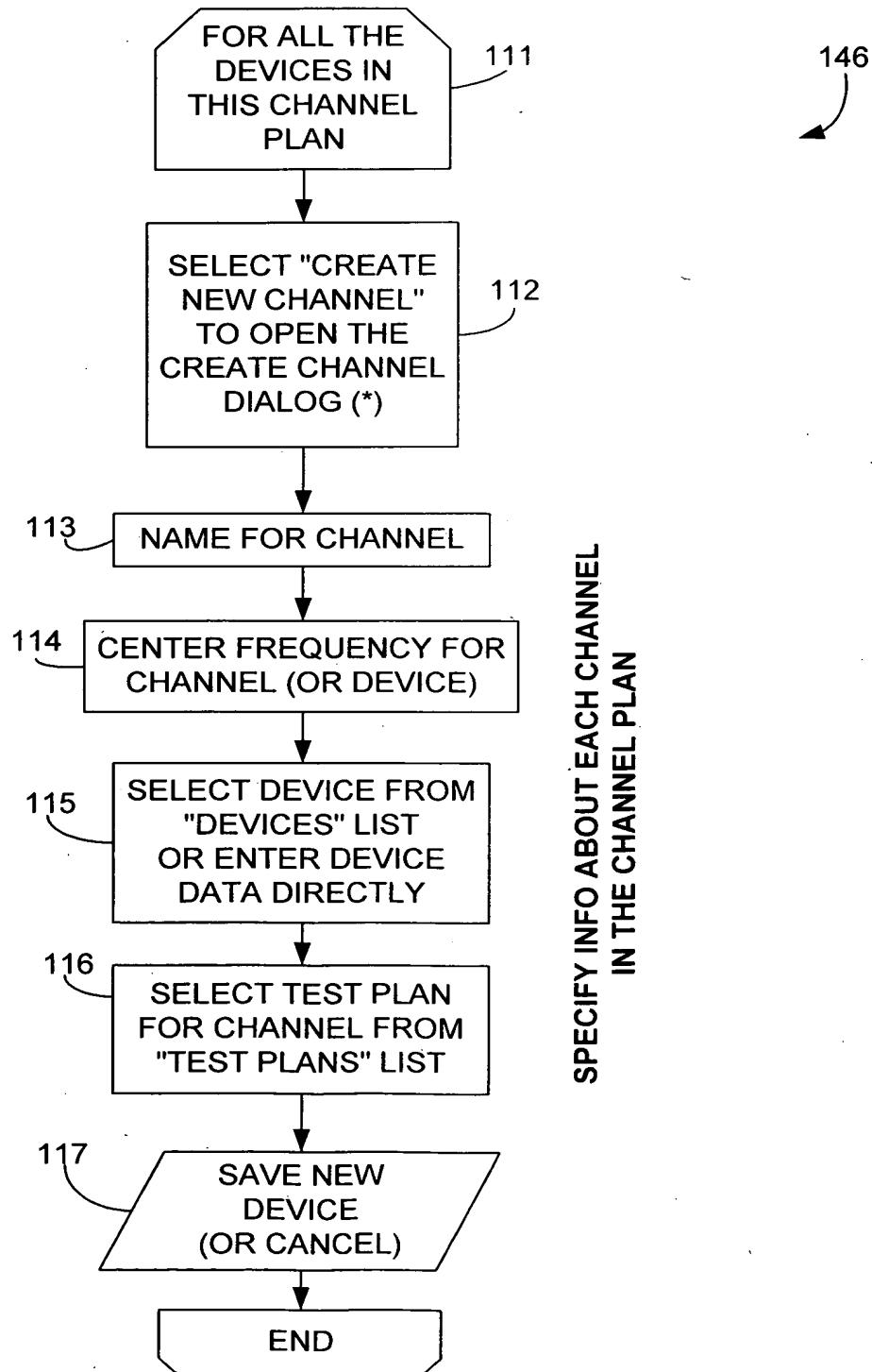
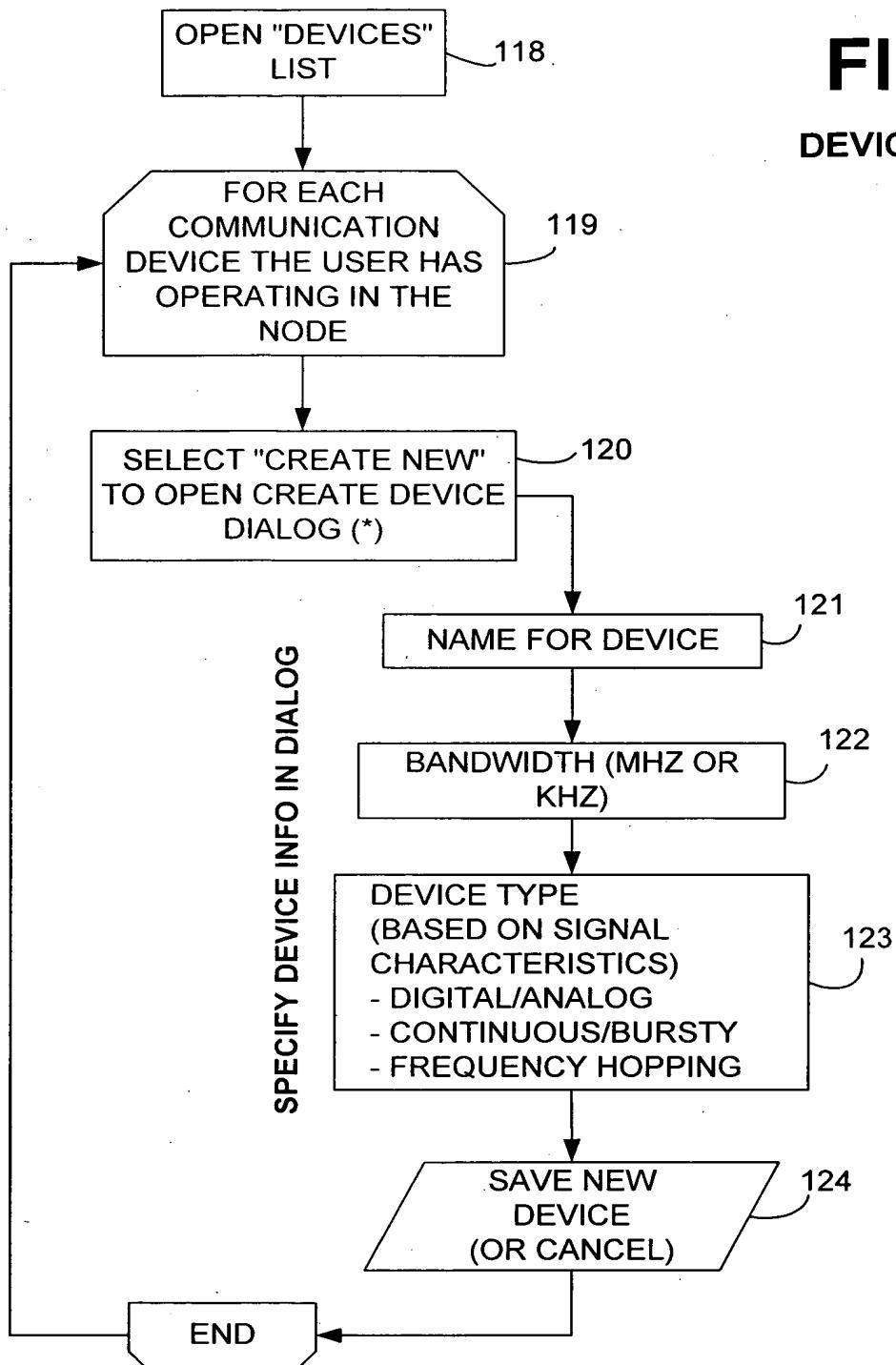


FIG. 6

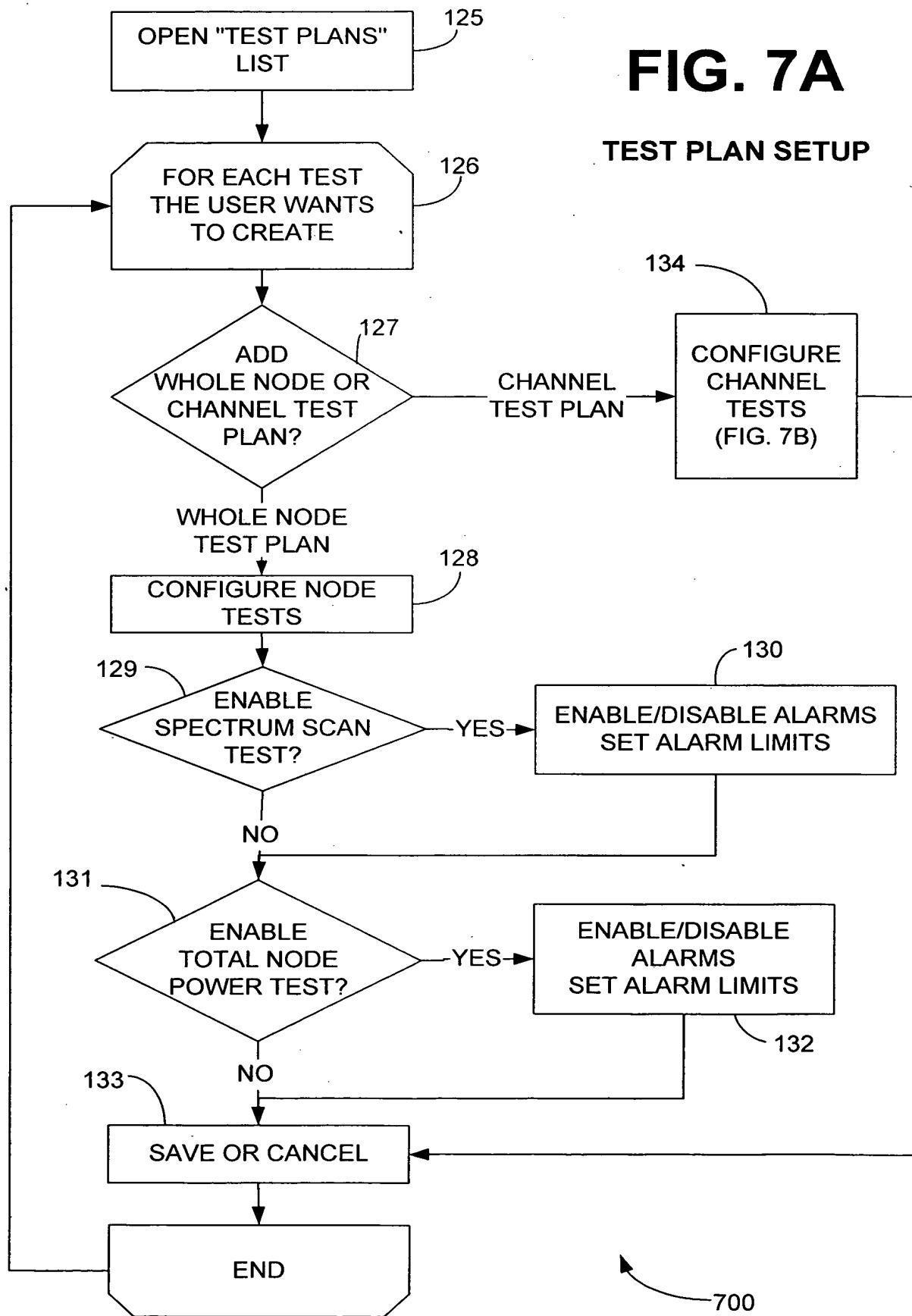
DEVICE SETUP



* NOTE: DEVICE LIST DIALOG ALSO
ALLOWS USER TO EDIT OR DELETE
DEVICES.

FIG. 7A

TEST PLAN SETUP



TEST PLAN SETUP (CONTINUED)

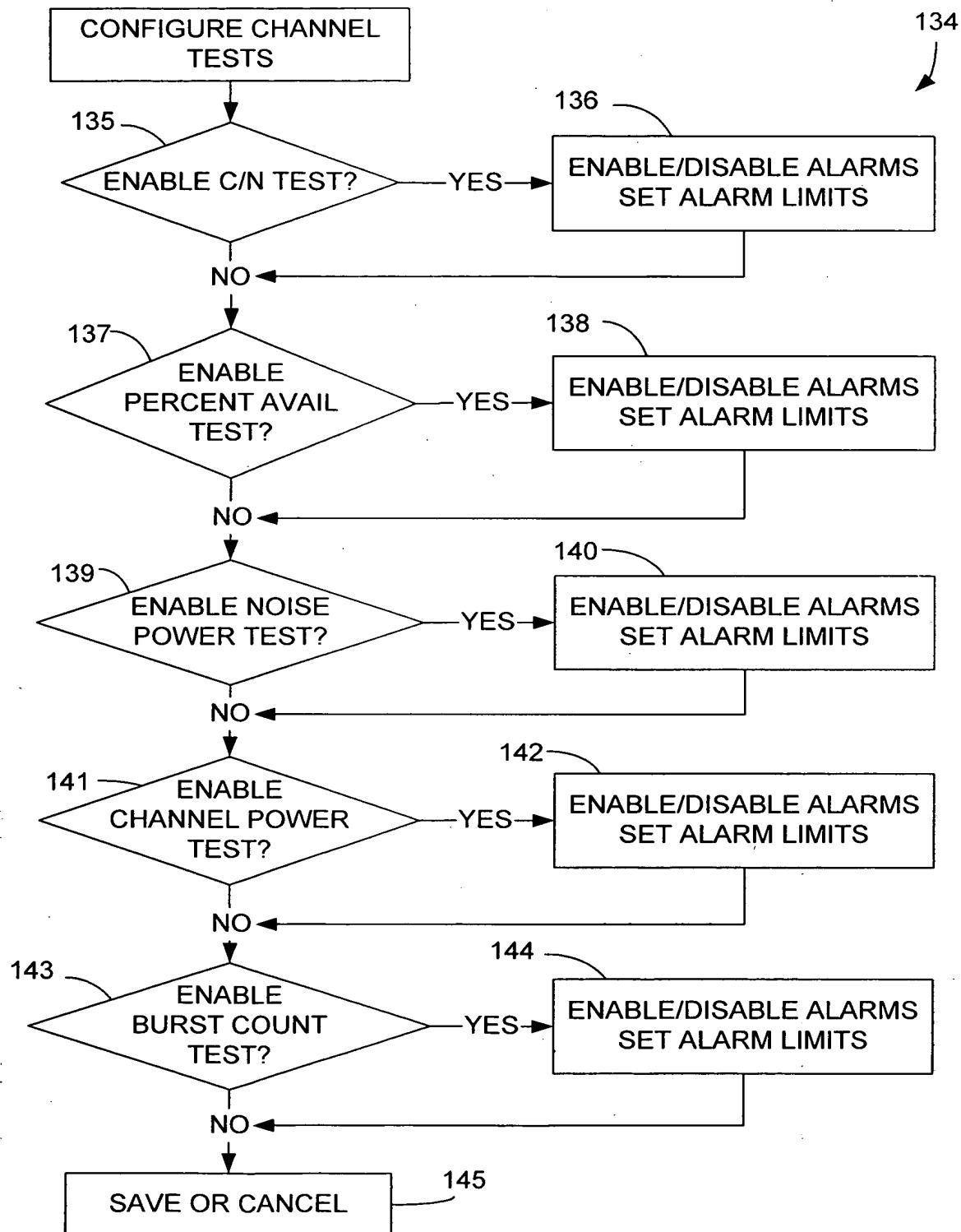


FIG. 7B

**AUTOMATIC MODE
(FIRST EMBODIMENT; EMPLOYS ROUND ROBIN ALGORITHM)**

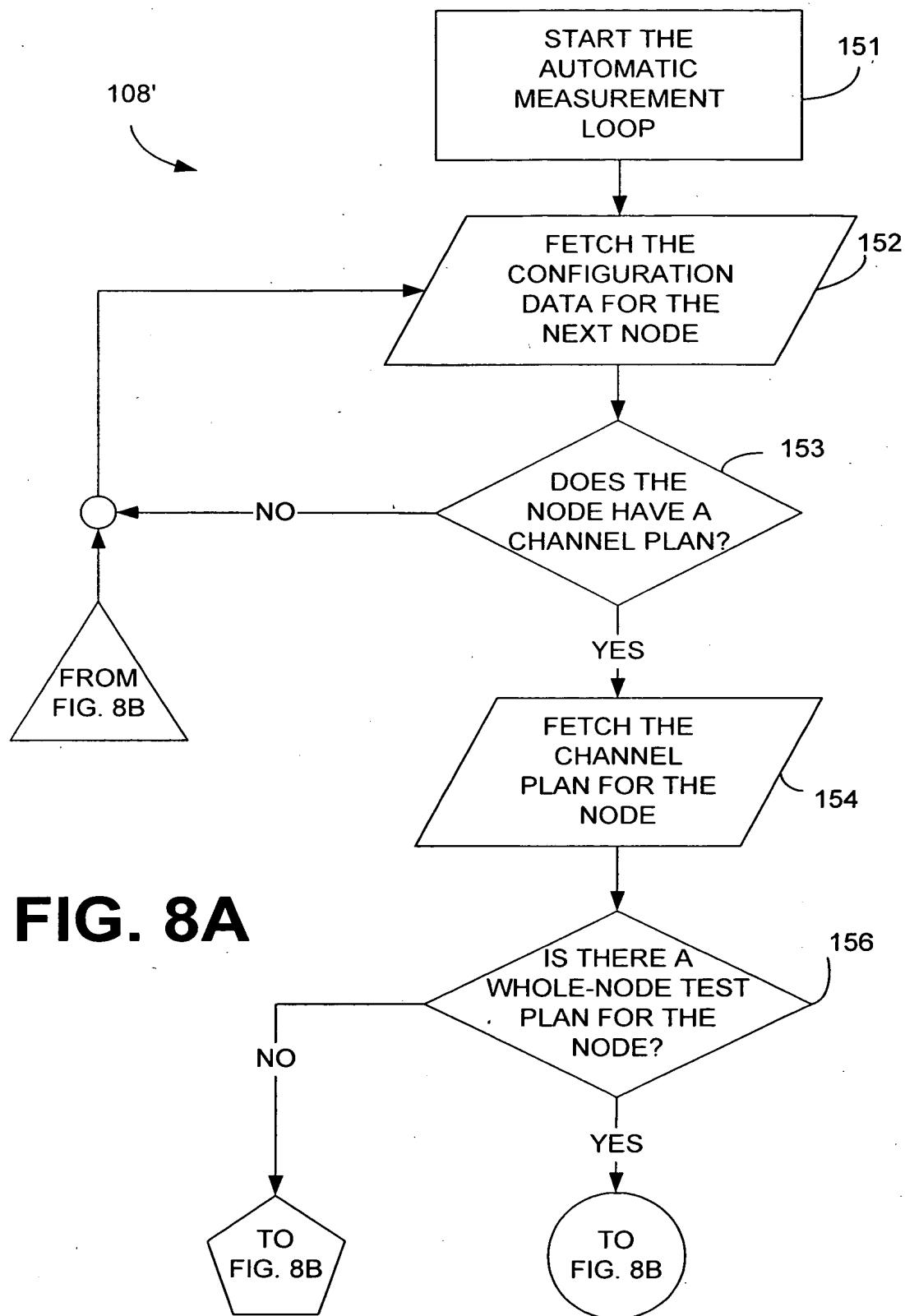


FIG. 8A

**AUTOMATIC MODE
(FIRST EMBODIMENT -
CONTINUED)**

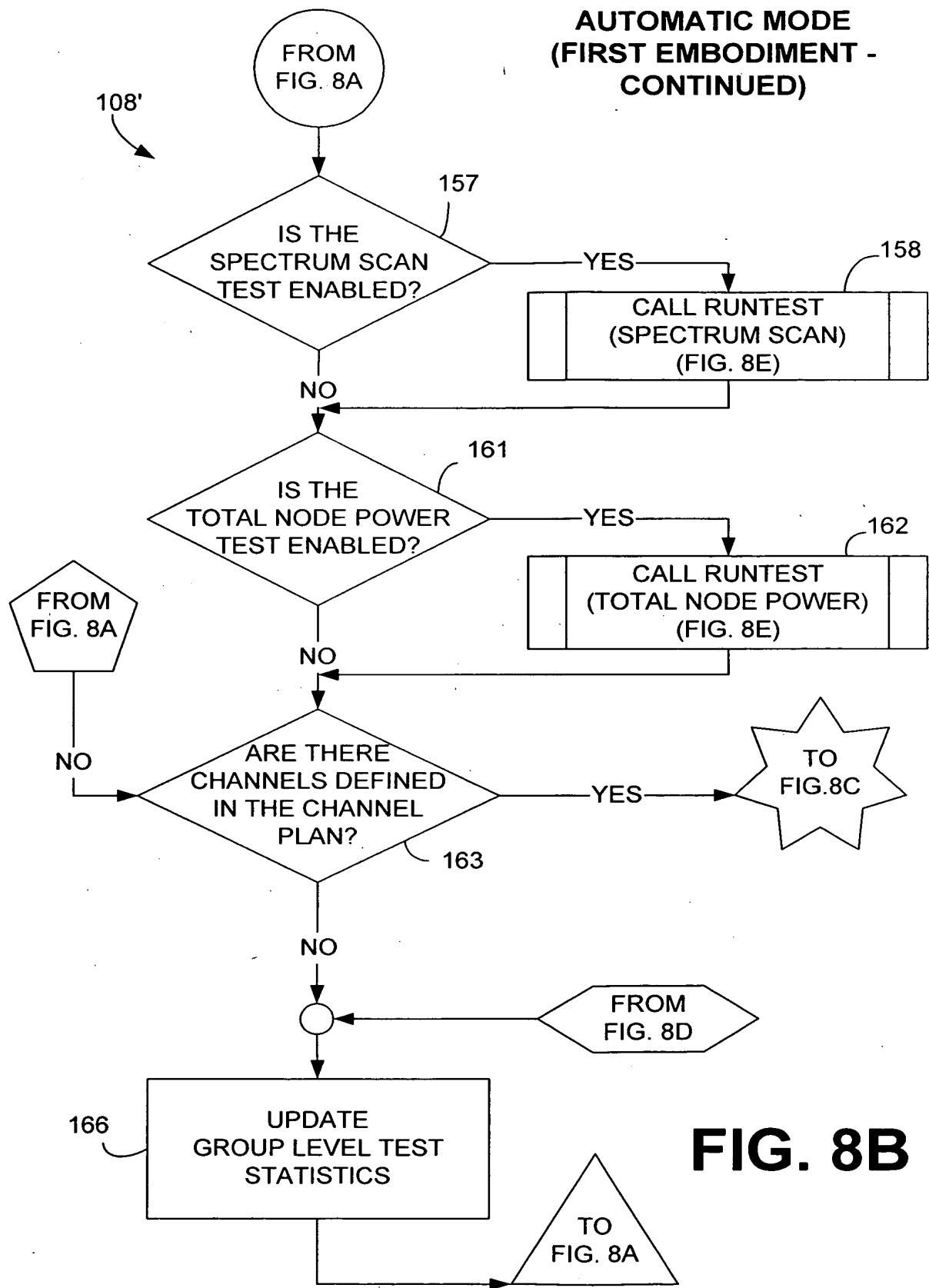


FIG. 8B

**AUTOMATIC MODE
(FIRST EMBODIMENT - CONTINUED)**

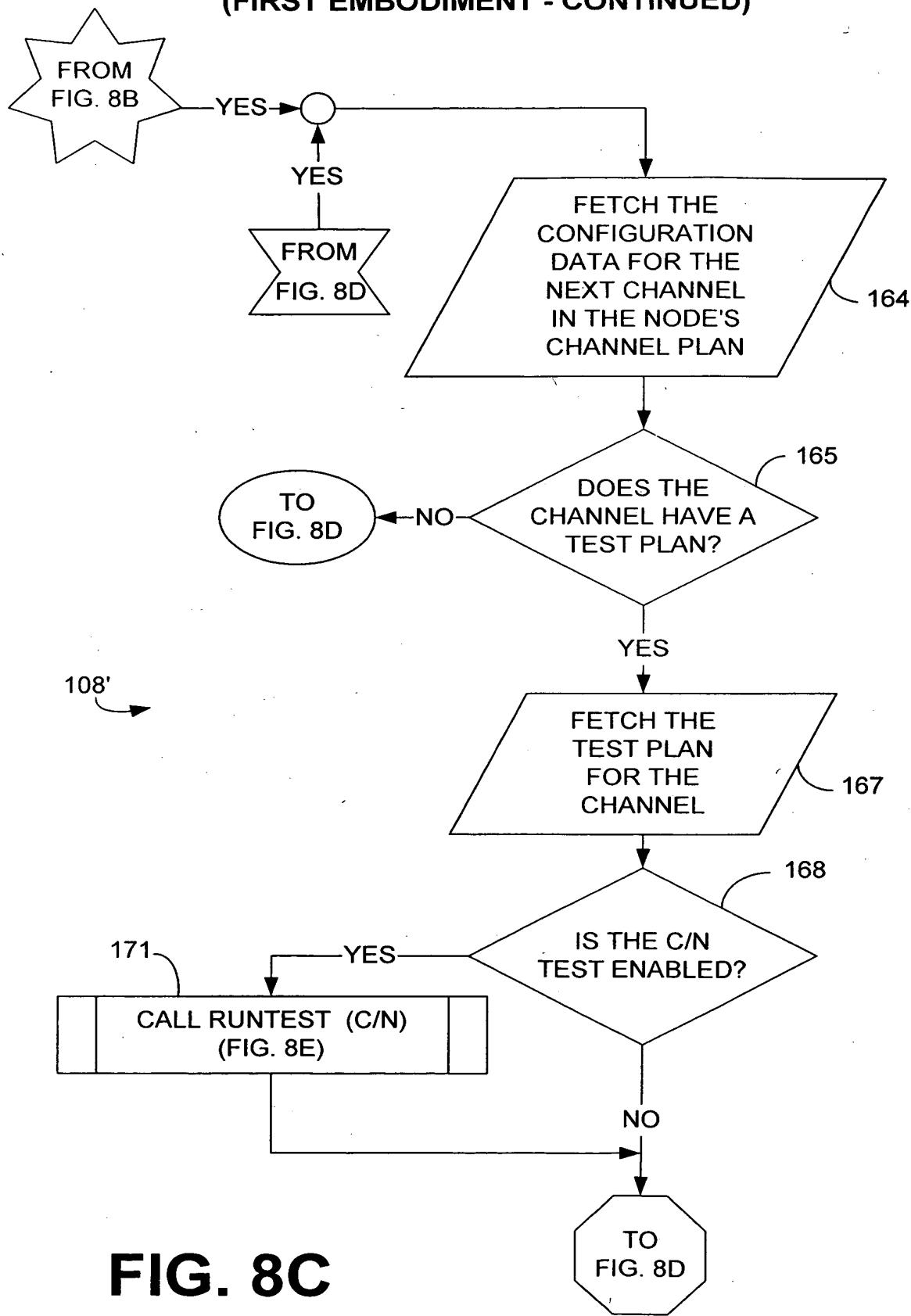
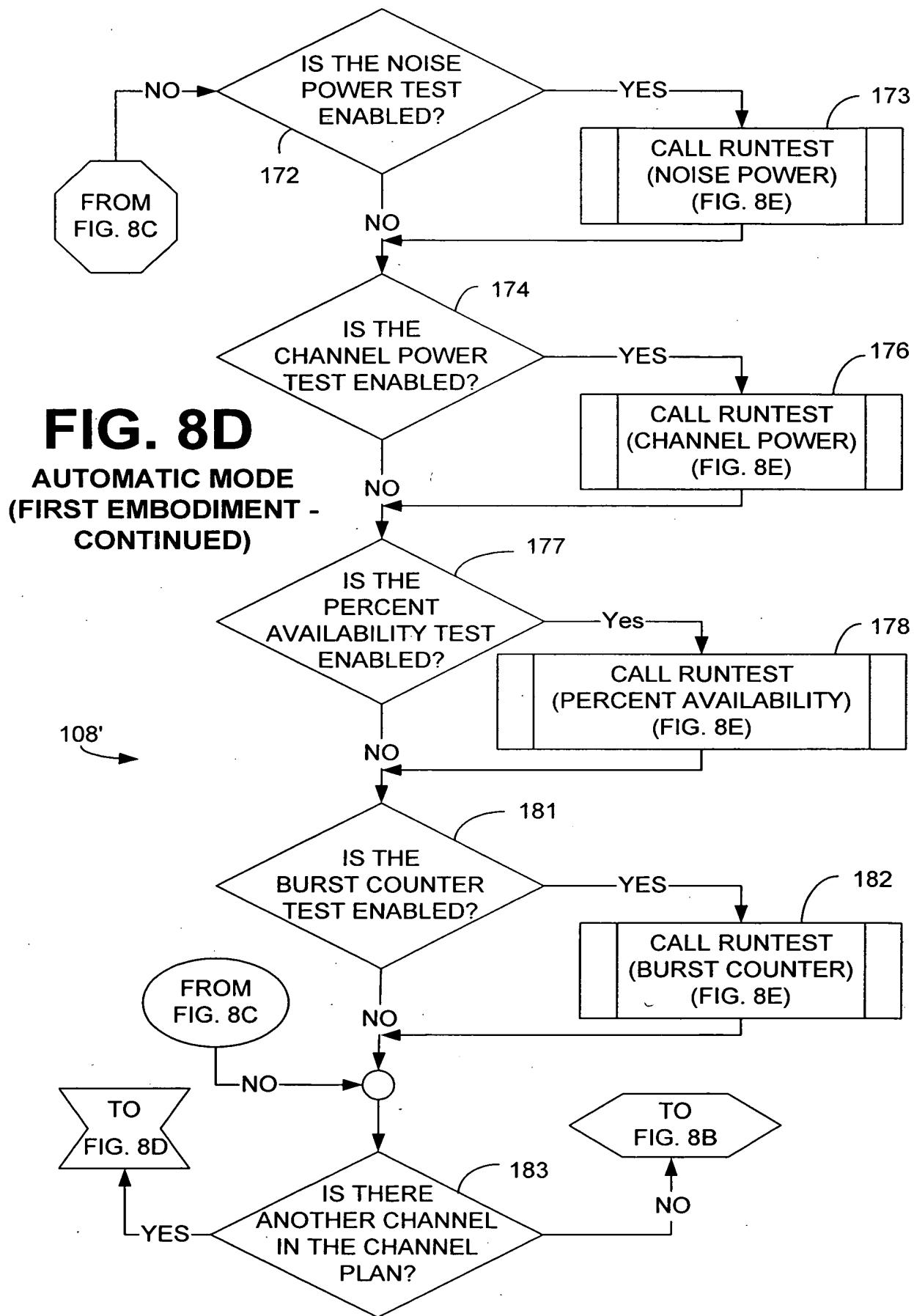


FIG. 8C



**AUTOMATIC MODE
(FIRST EMBODIMENT - CONTINUED)**

RUNTEST SUBROUTINE

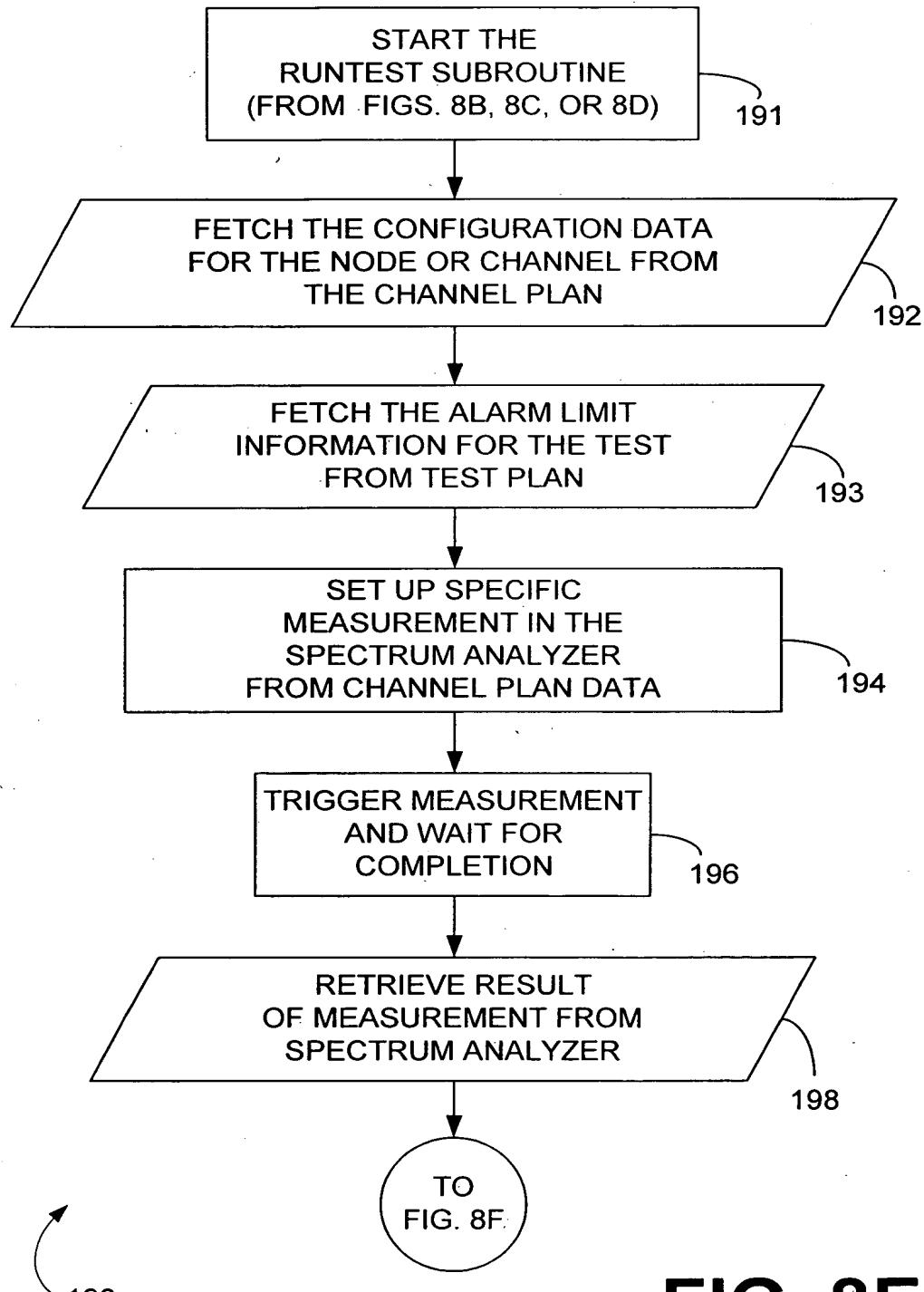


FIG. 8E

**AUTOMATIC MODE
(FIRST EMBODIMENT - CONTINUED)**

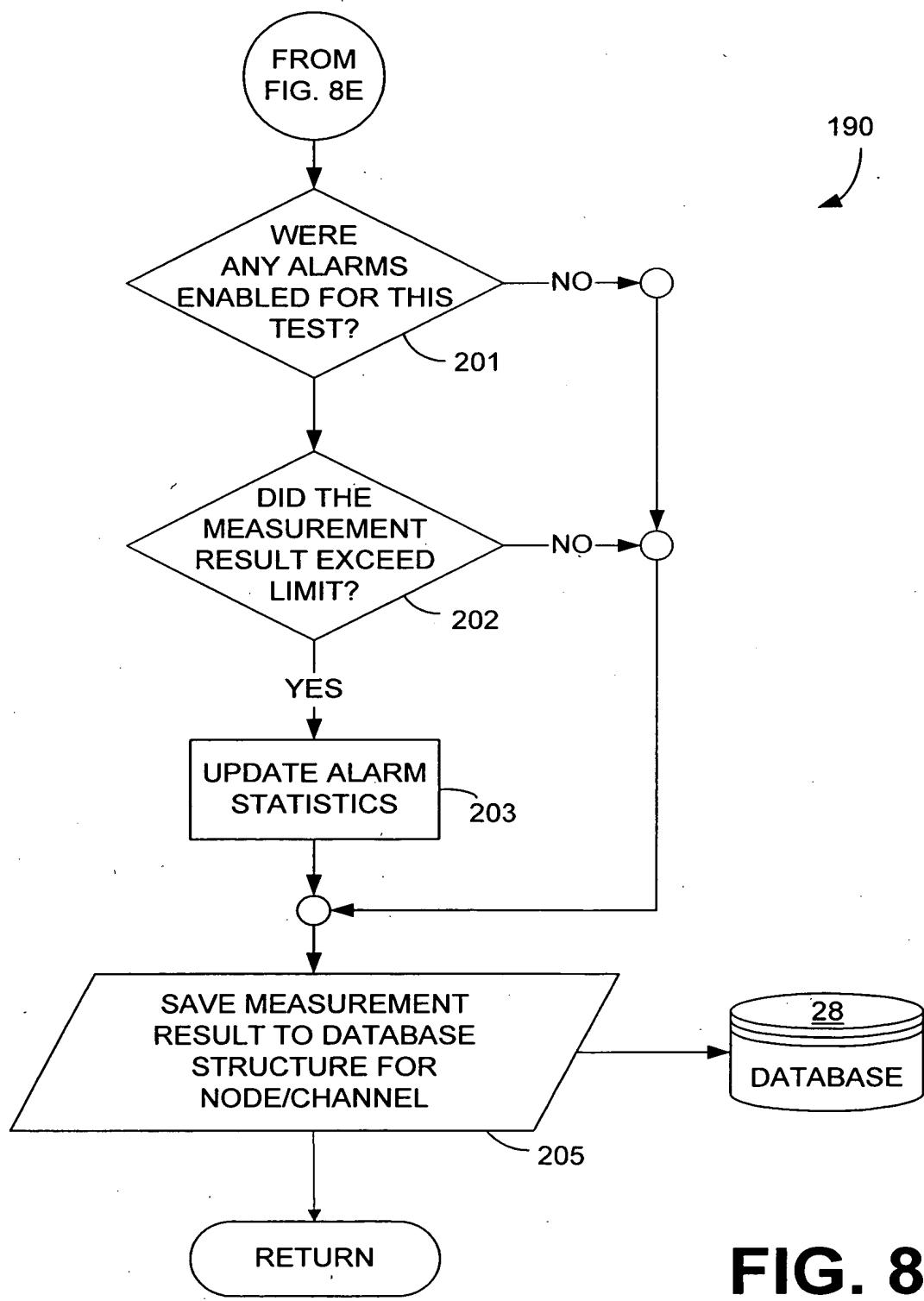


FIG. 8F

AUTOMATIC MODE
(SECOND EMBODIMENT; EMPLOYS SMART
SCANNING ALGORITHM)

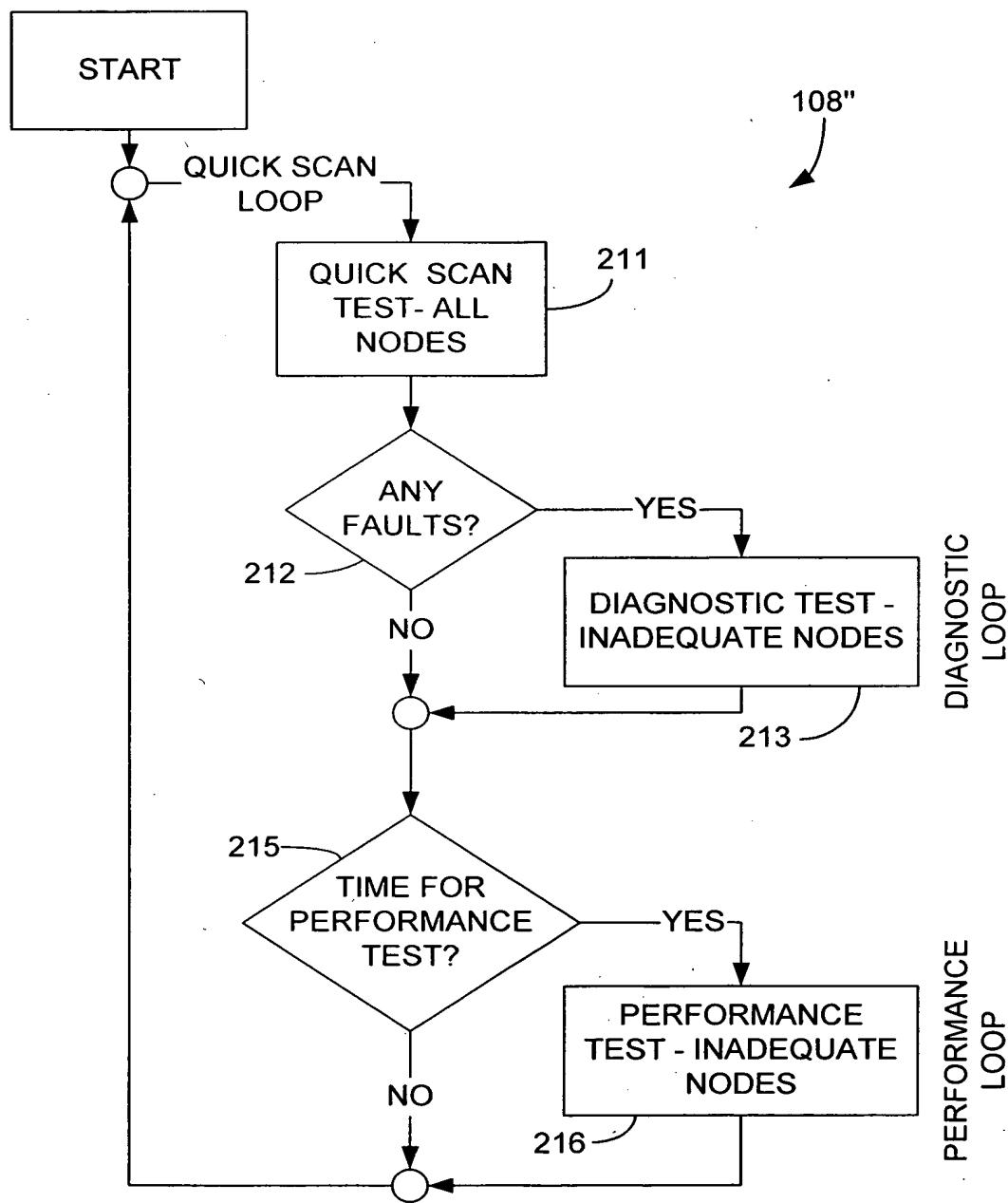


FIG. 9A

**AUTOMATIC MODE
(SECOND EMBODIMENT -
CONTINUED)**

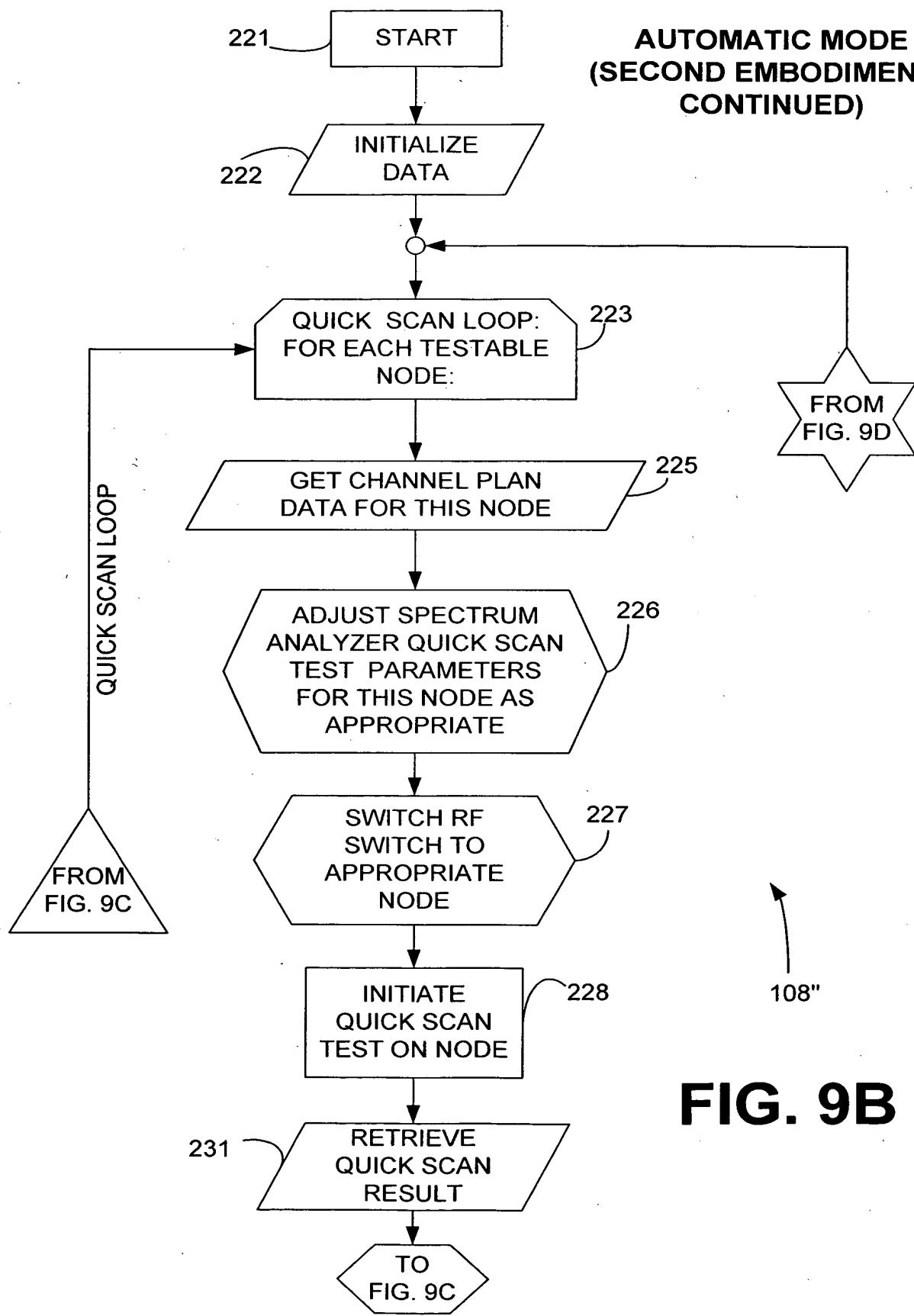


FIG. 9B

**AUTOMATIC MODE
(SECOND EMBODIMENT - CONTINUED)**

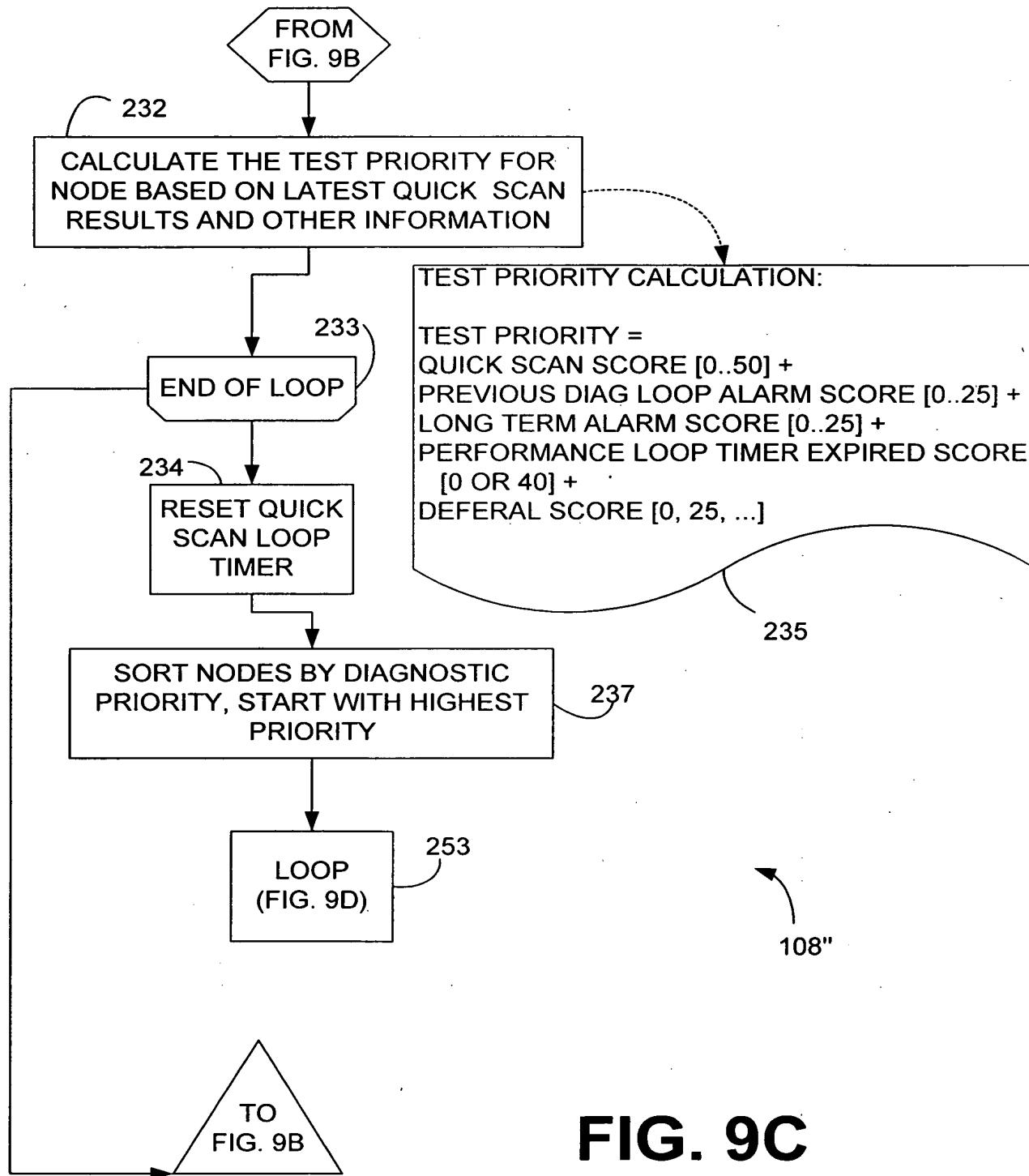
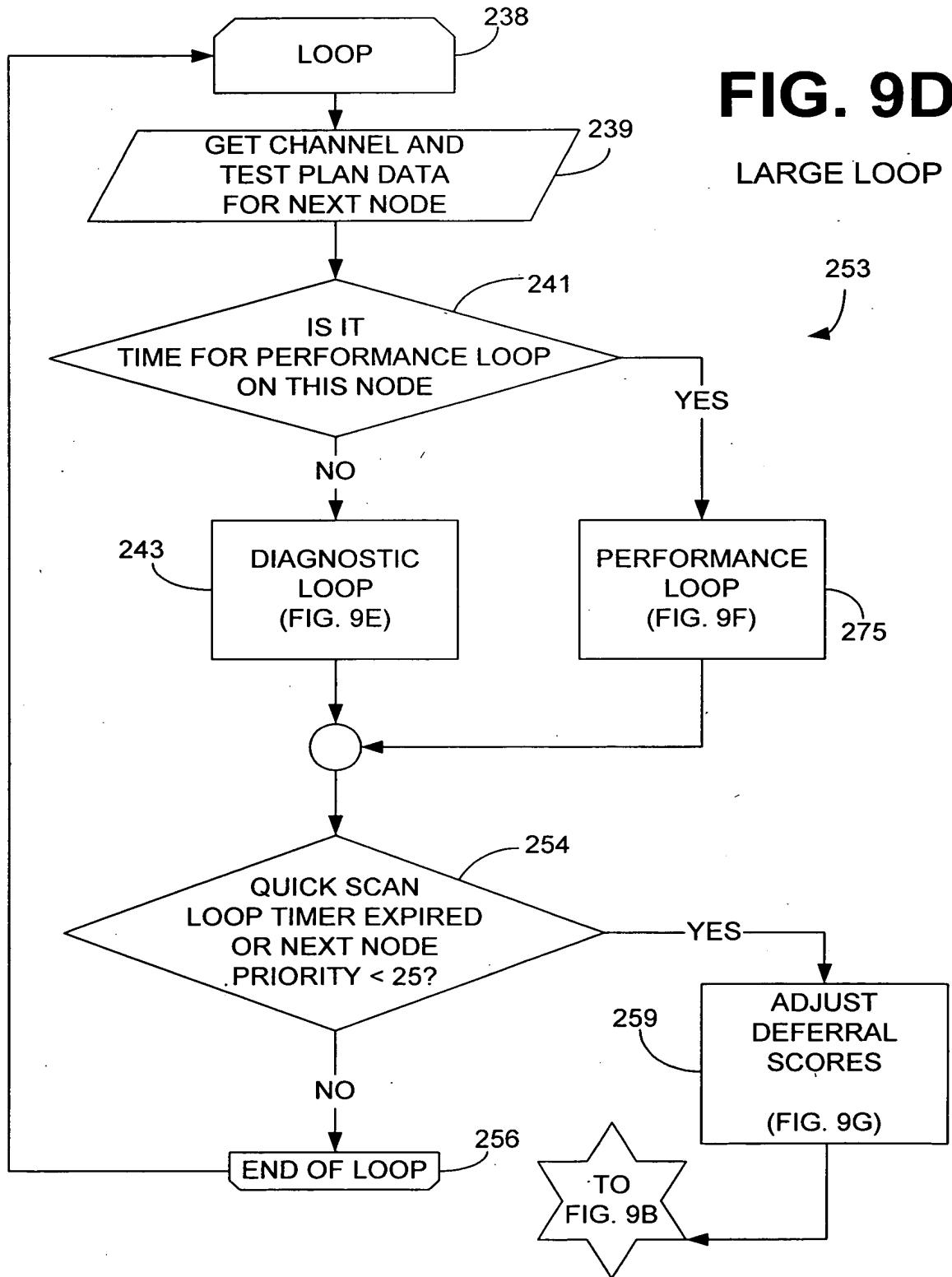


FIG. 9C

**AUTOMATIC MODE
(SECOND EMBODIMENT - CONTINUED)**



**AUTOMATIC MODE
(SECOND EMBODIMENT - CONTINUED)**

DIAGNOSTIC LOOP

243

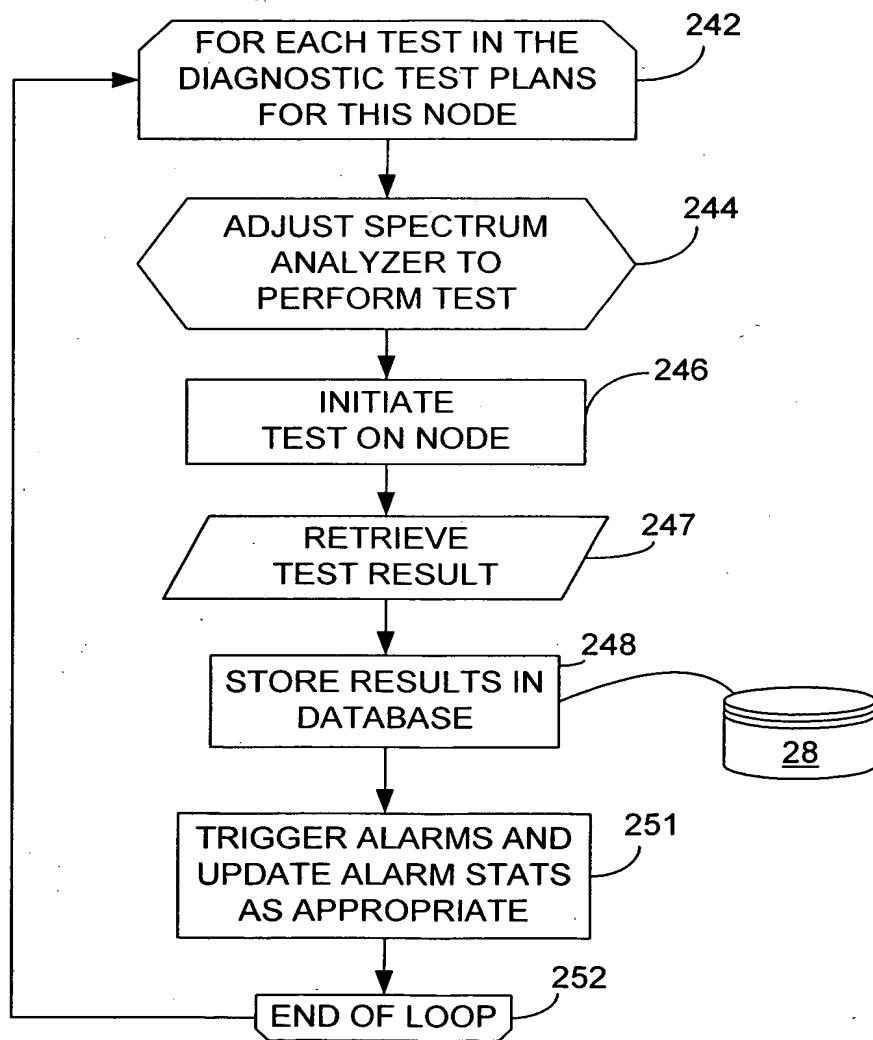


FIG. 9E

**AUTOMATIC MODE
(SECOND EMBODIMENT - CONTINUED)**

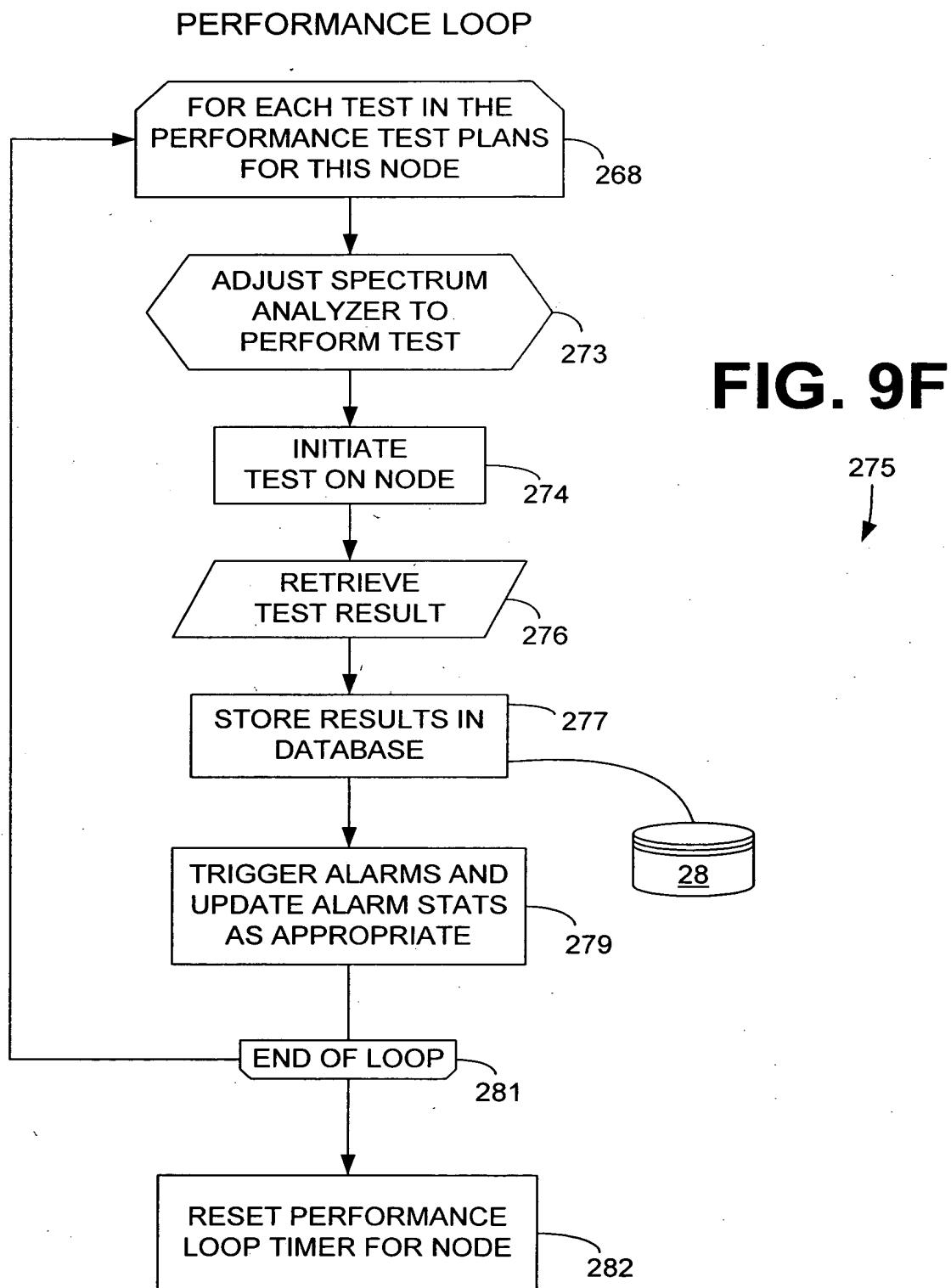


FIG. 9F

**AUTOMATIC MODE
(SECOND EMBODIMENT - CONTINUED)**

ADJUST DEFERAL SCORES LOOP

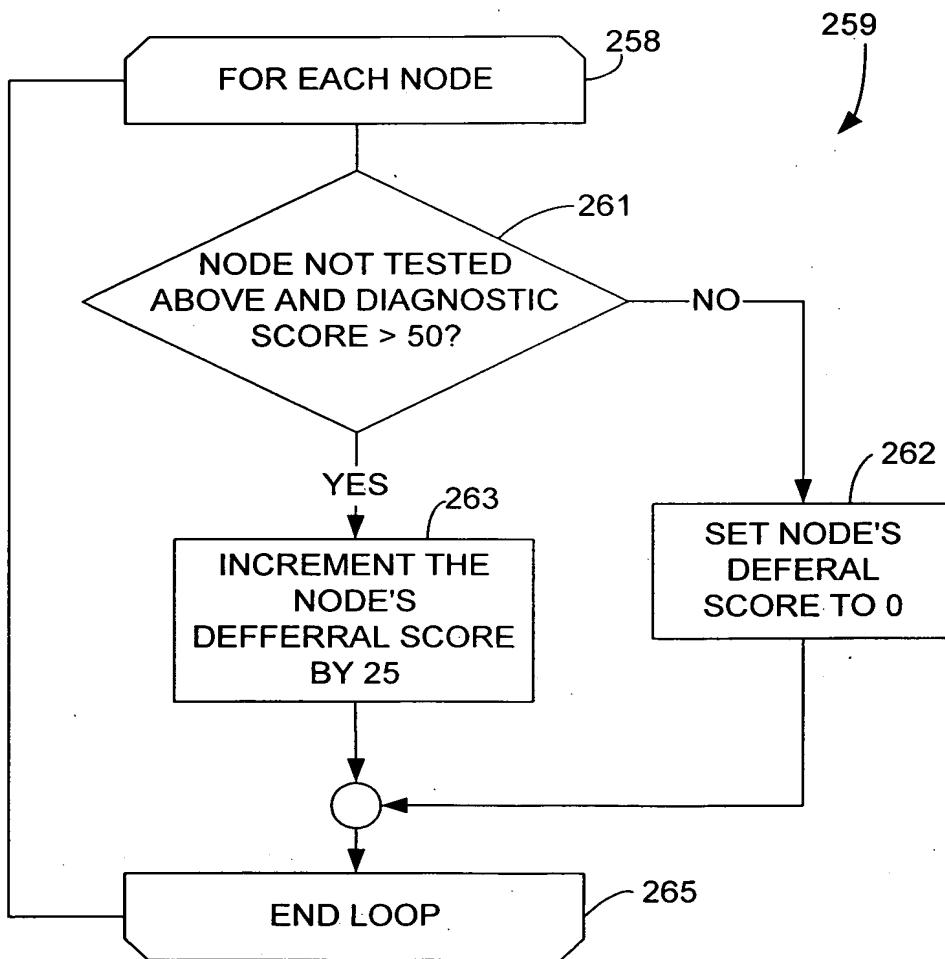
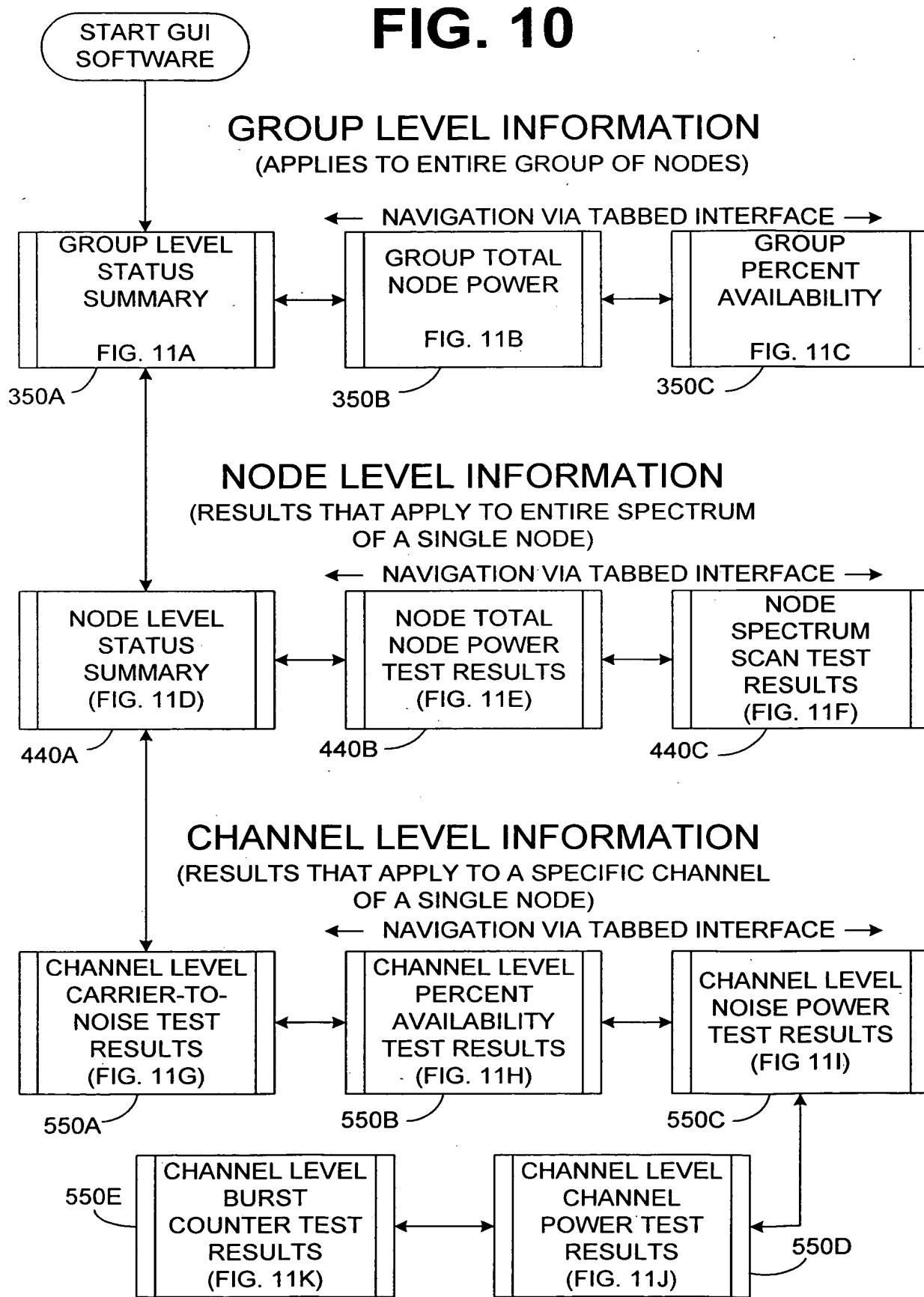


FIG. 9G

FIG. 10



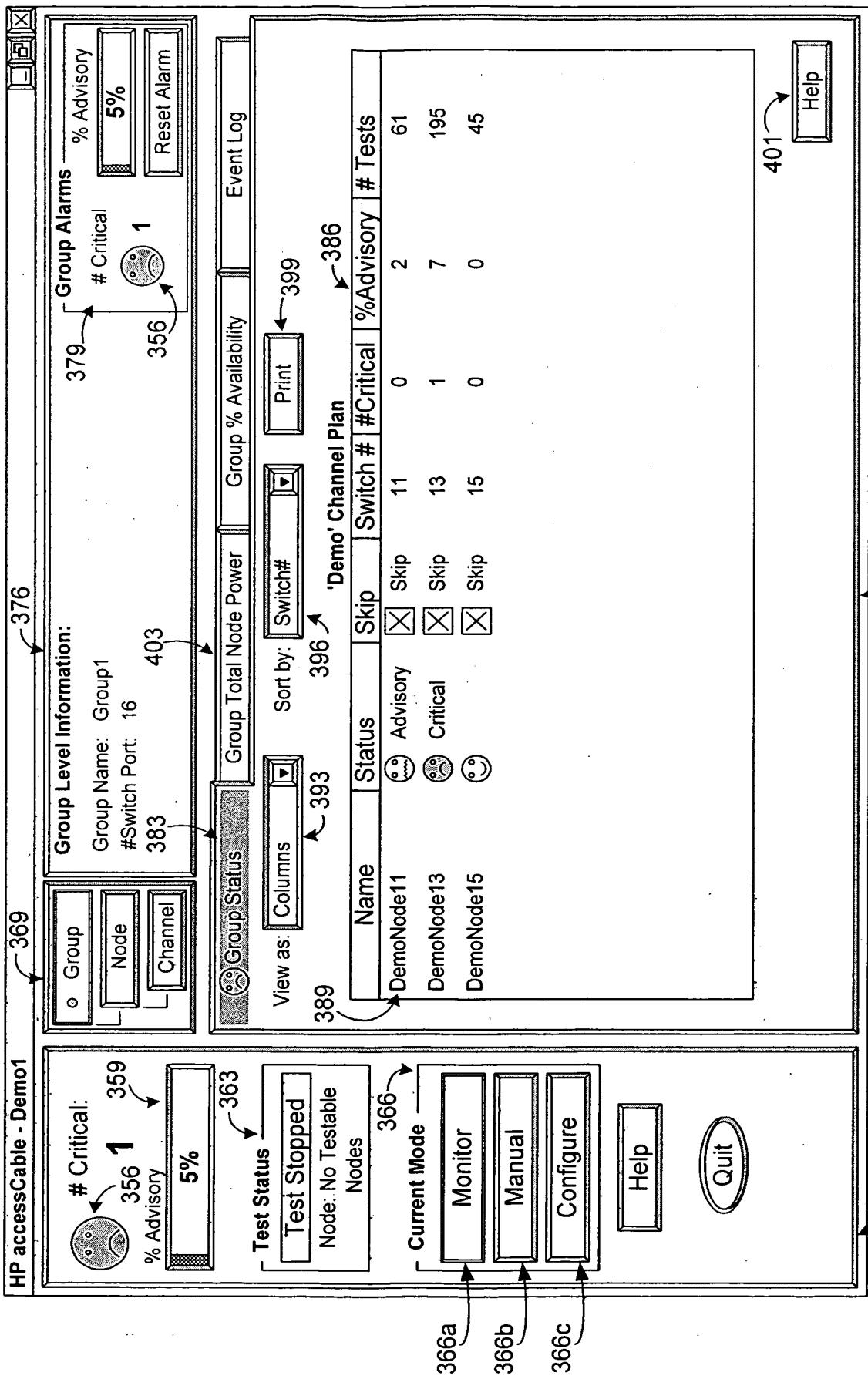


FIG. 11A

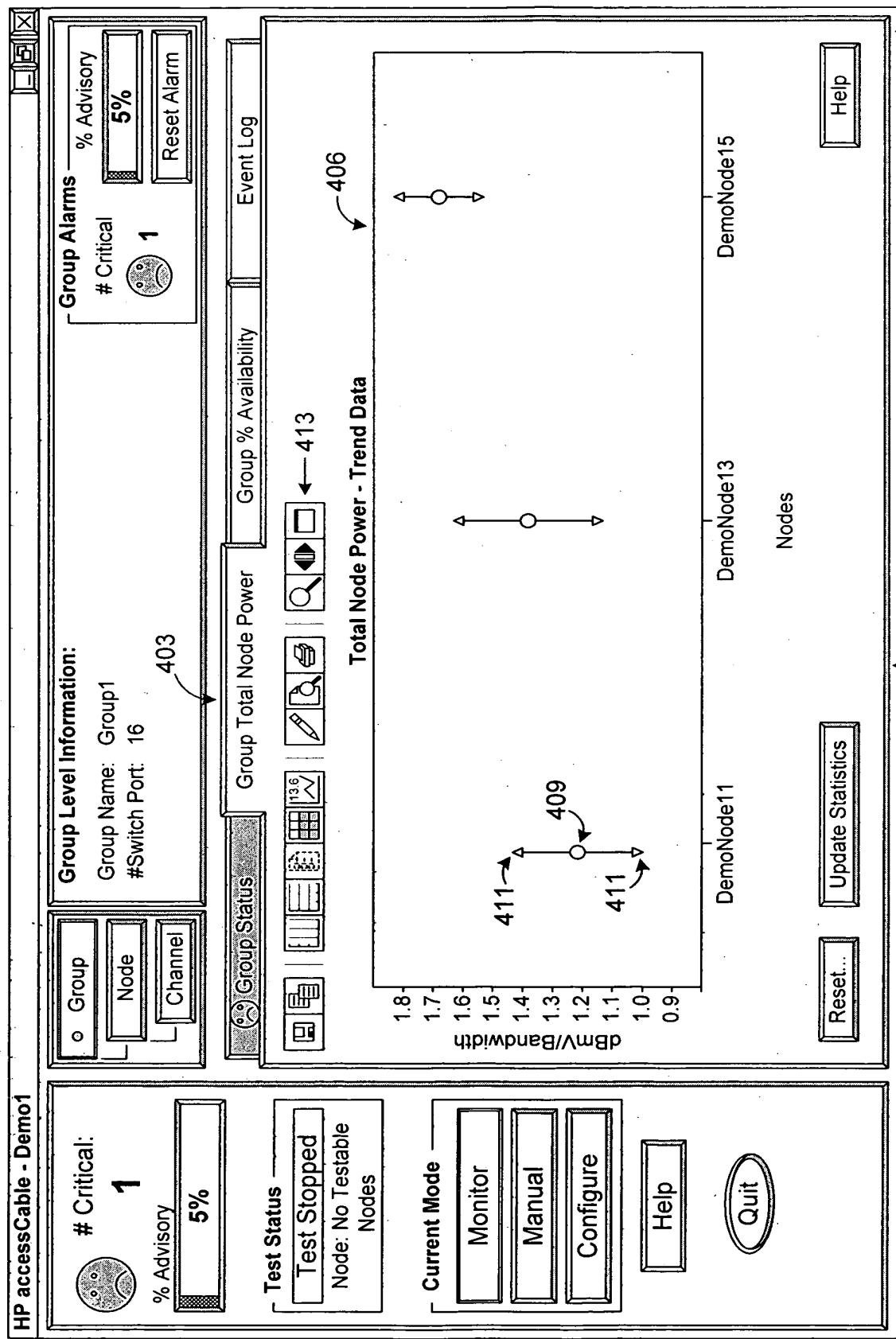


FIG. 11B

350b → 373

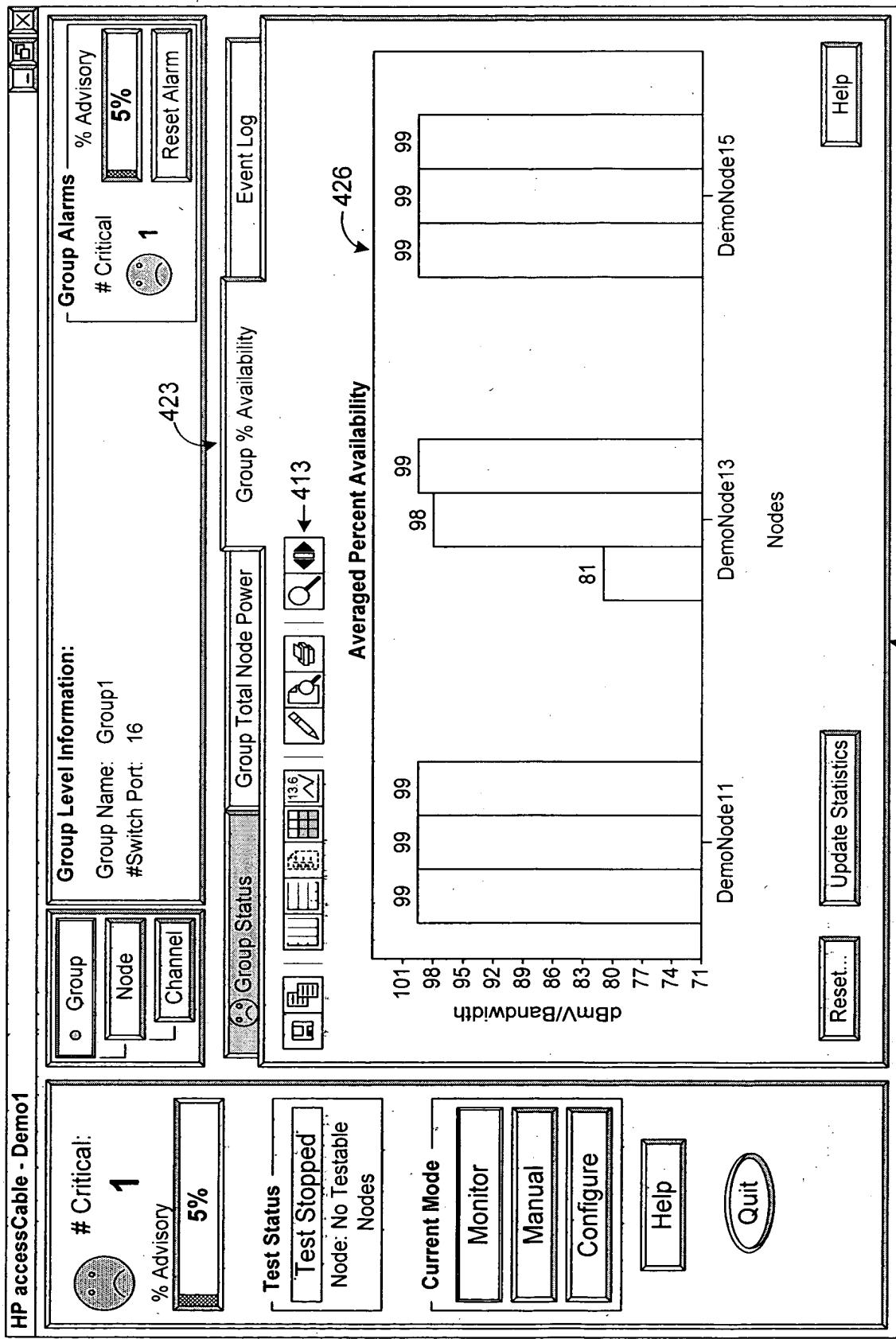


FIG. 11C

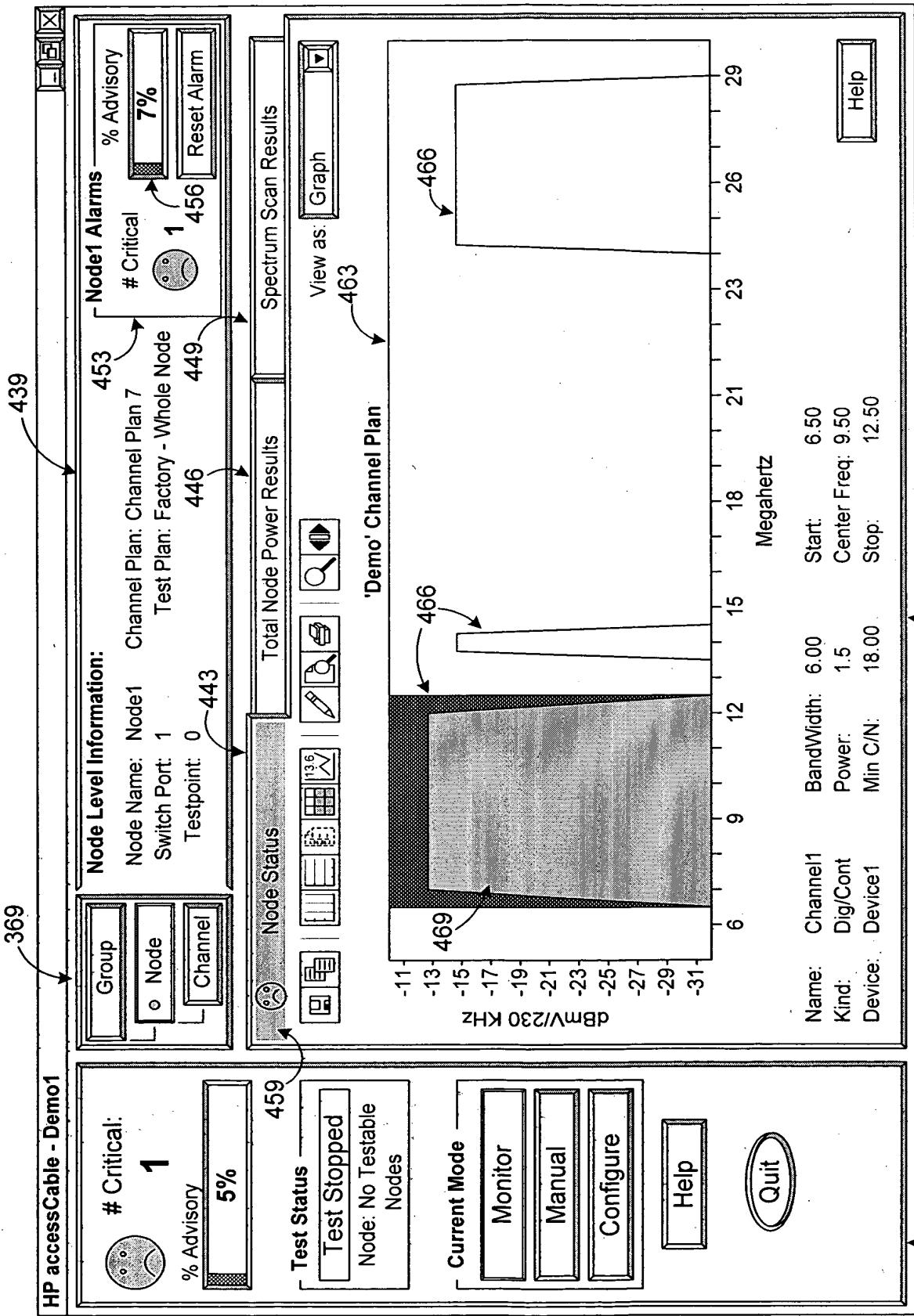


FIG. 11D

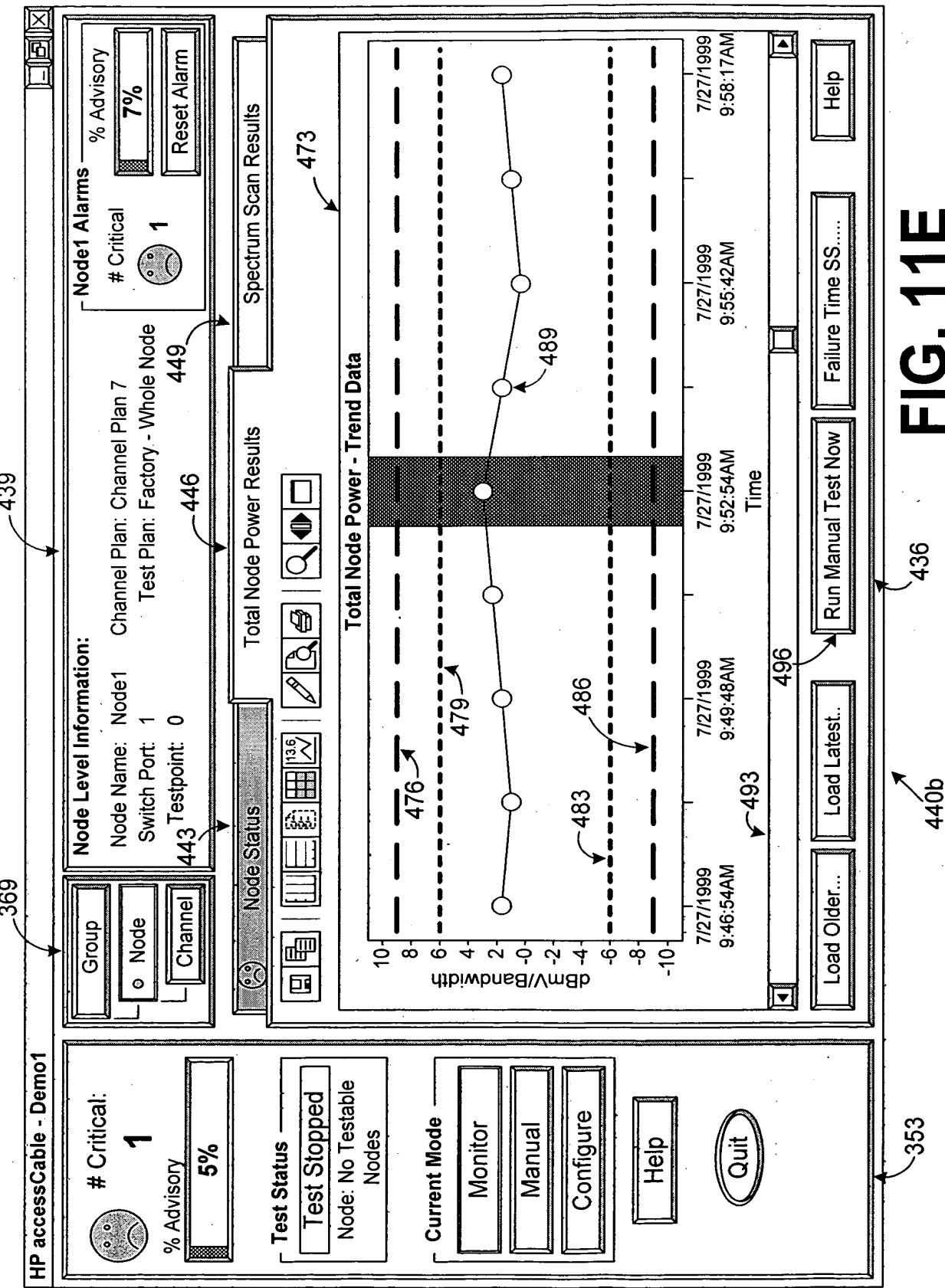


FIG. 11E

353

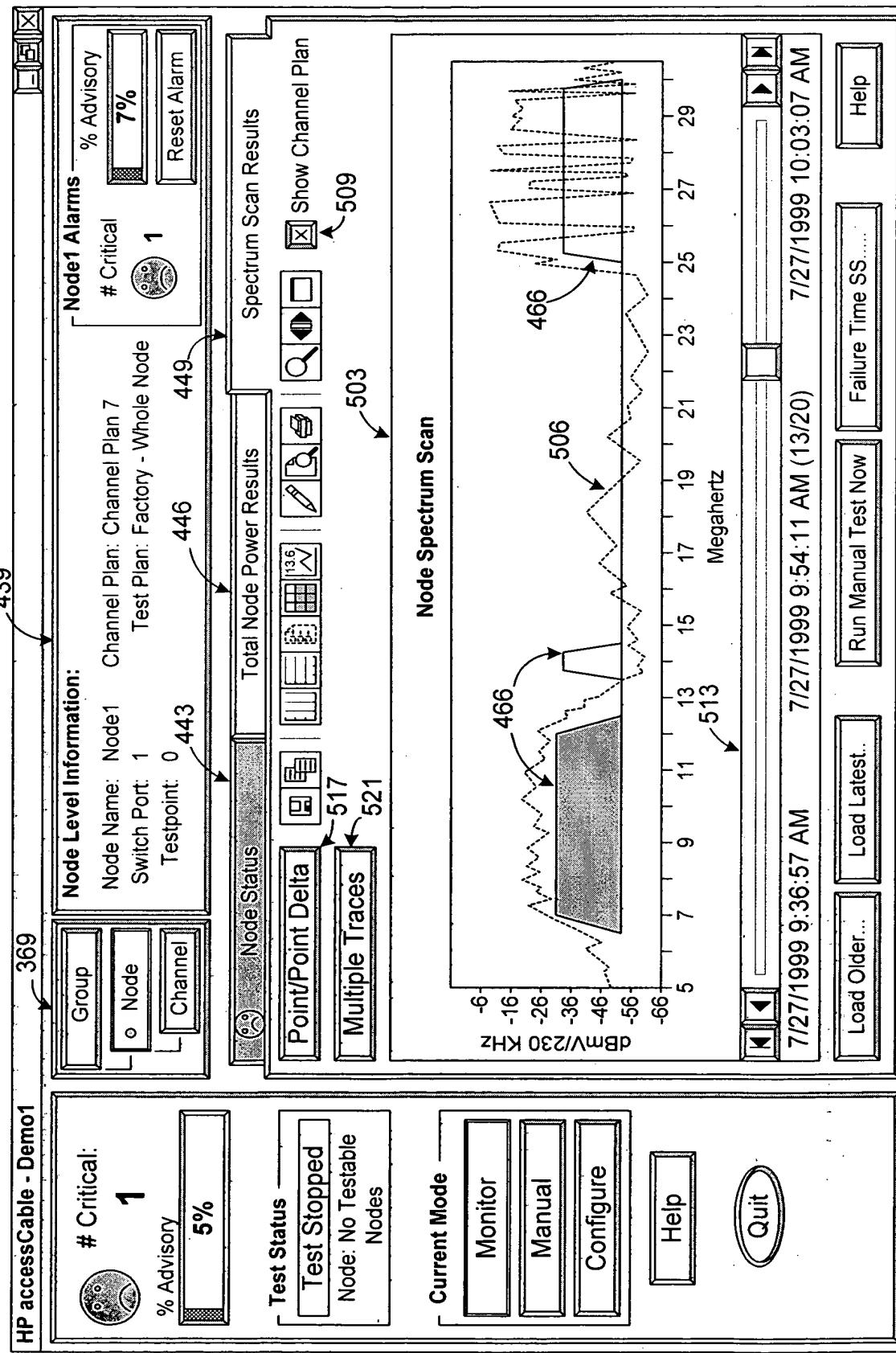


FIG. 11F

436

440c

353

FIG. 11G

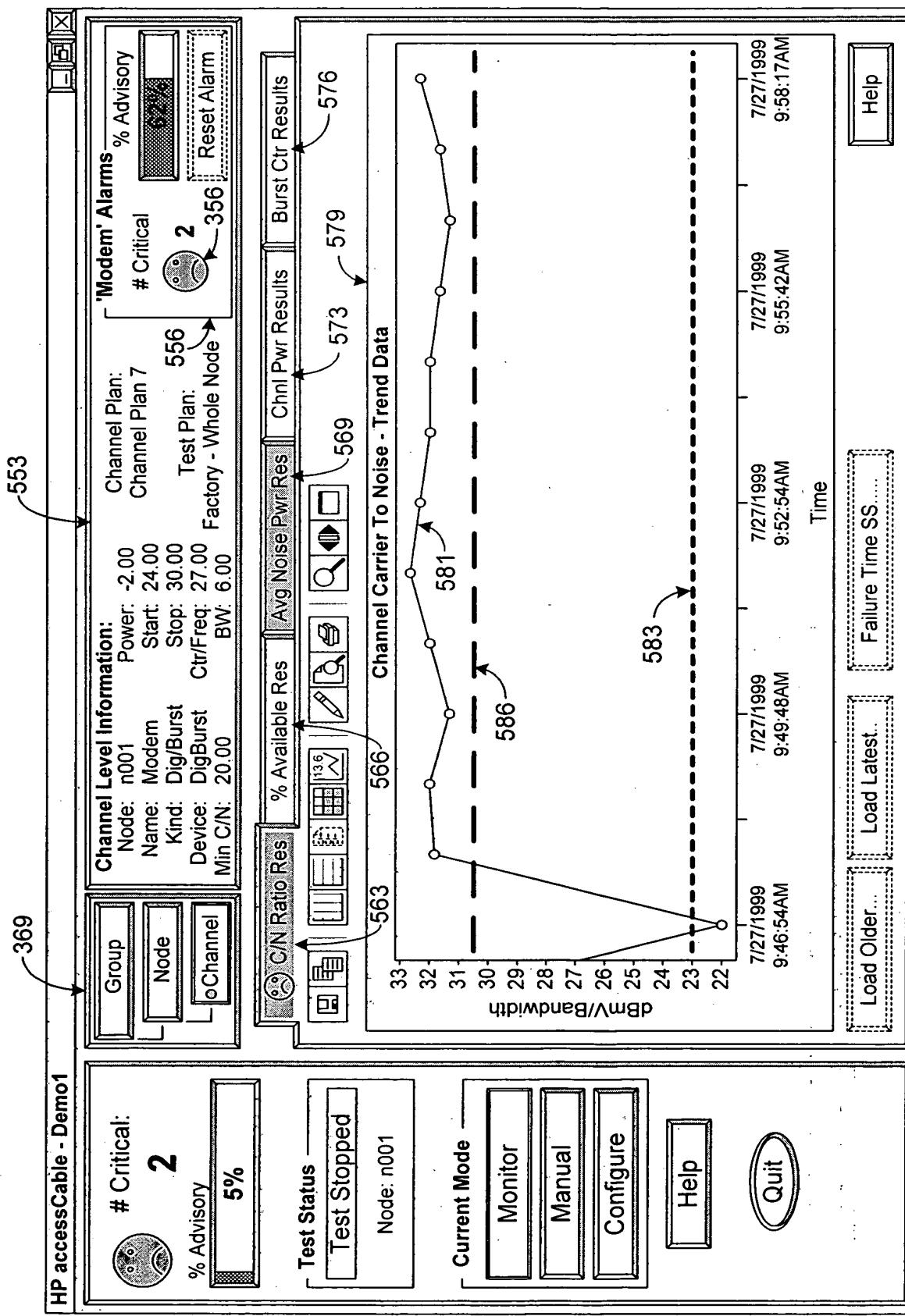
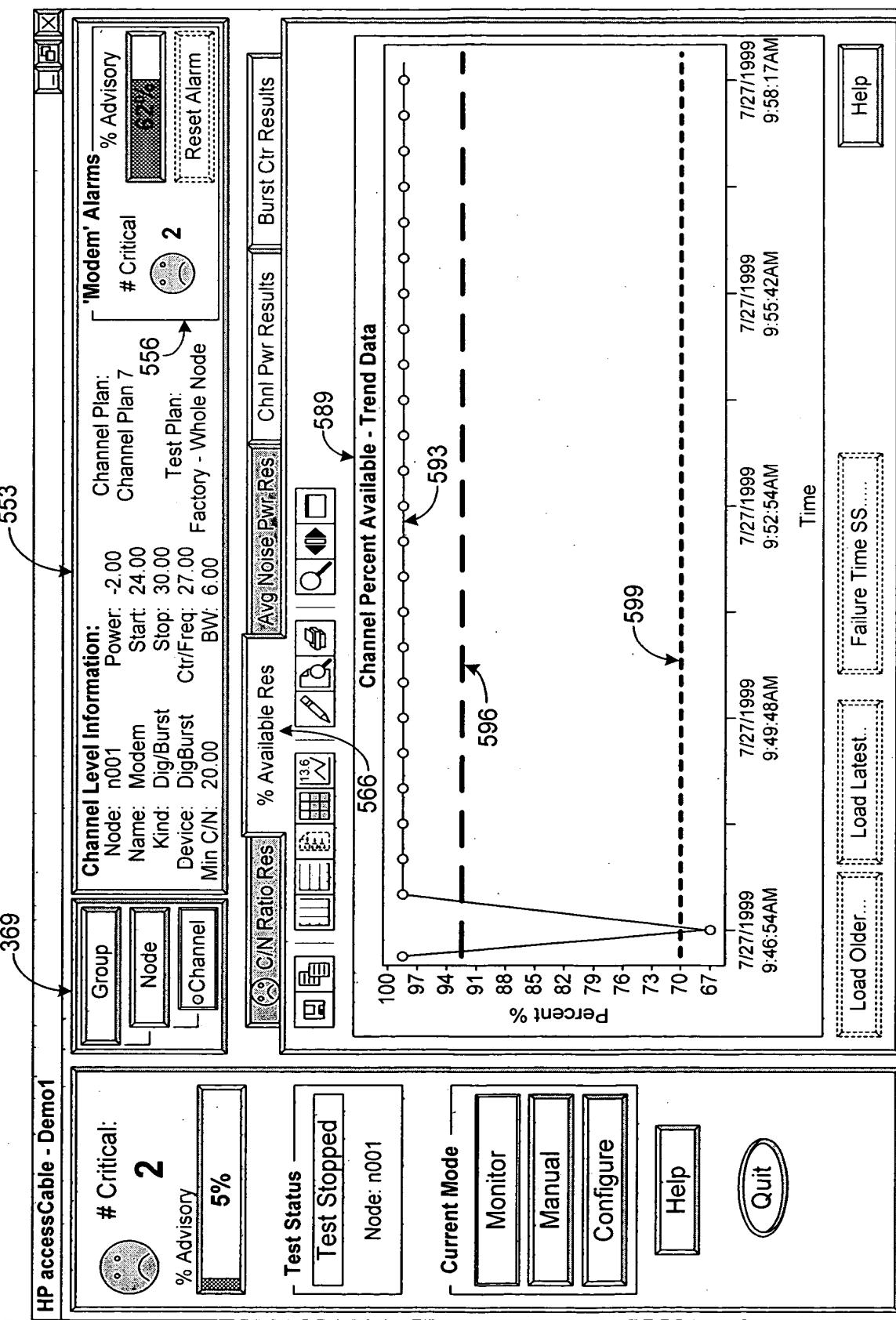


FIG. 11H



550a

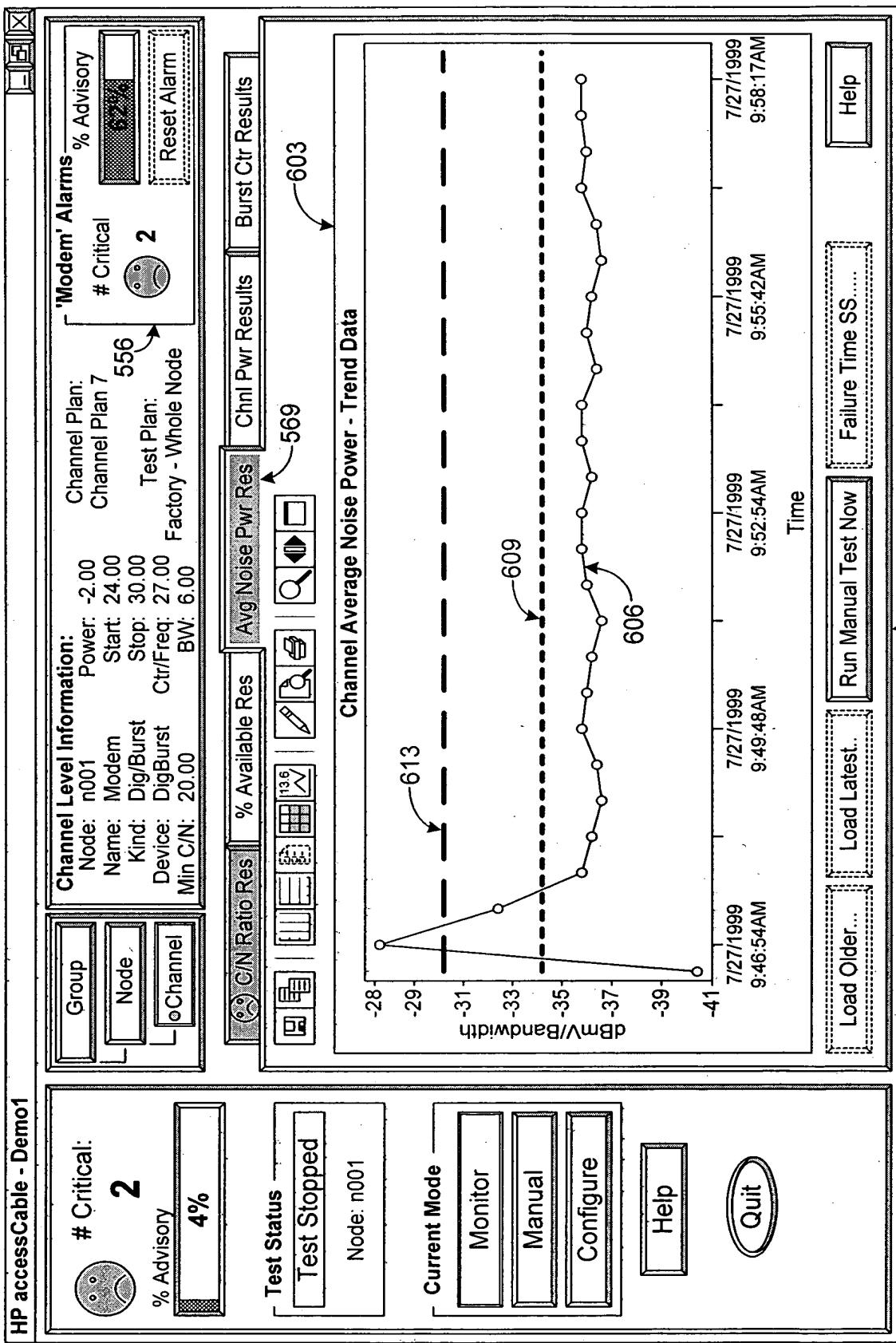
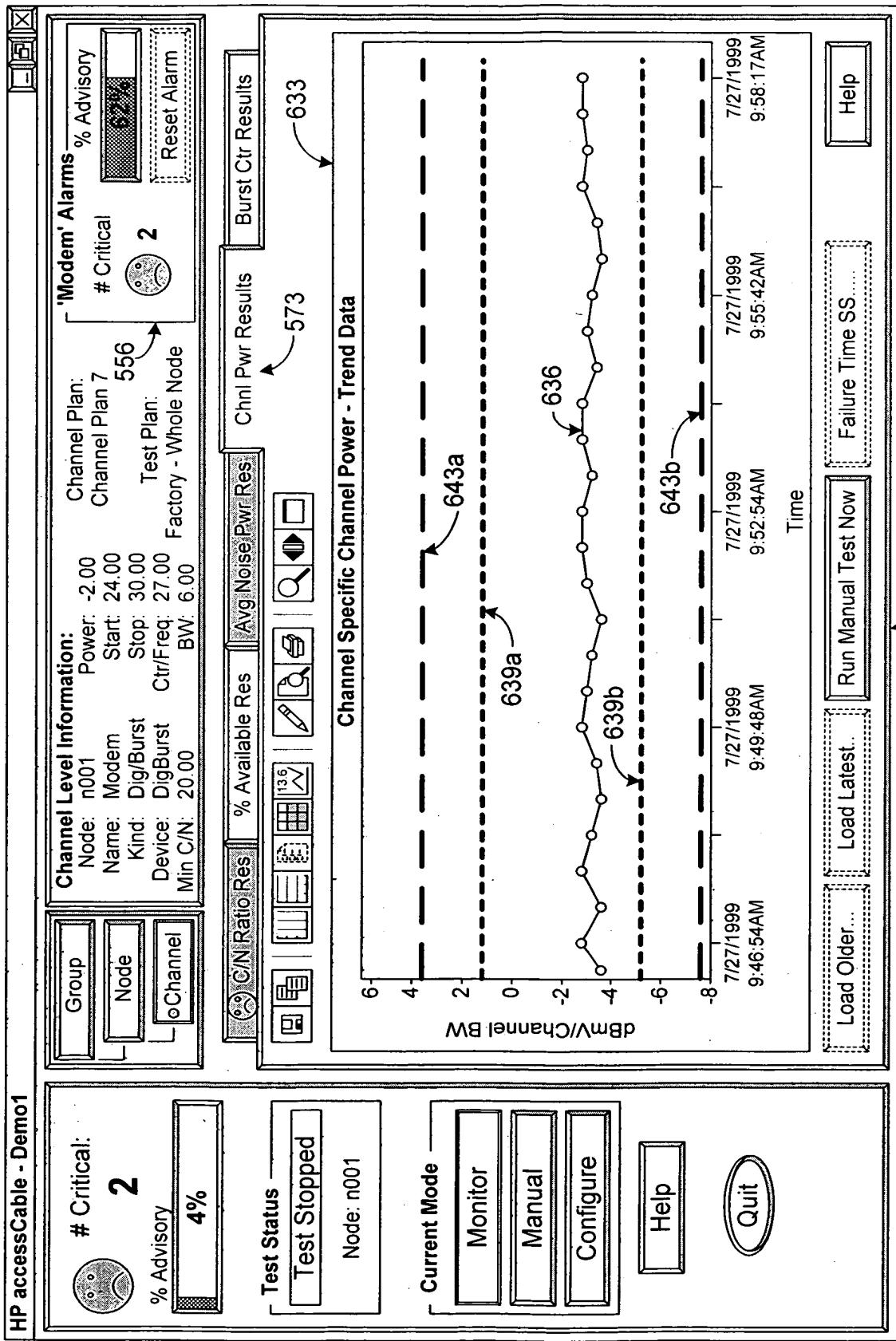


FIG. 11

550c —



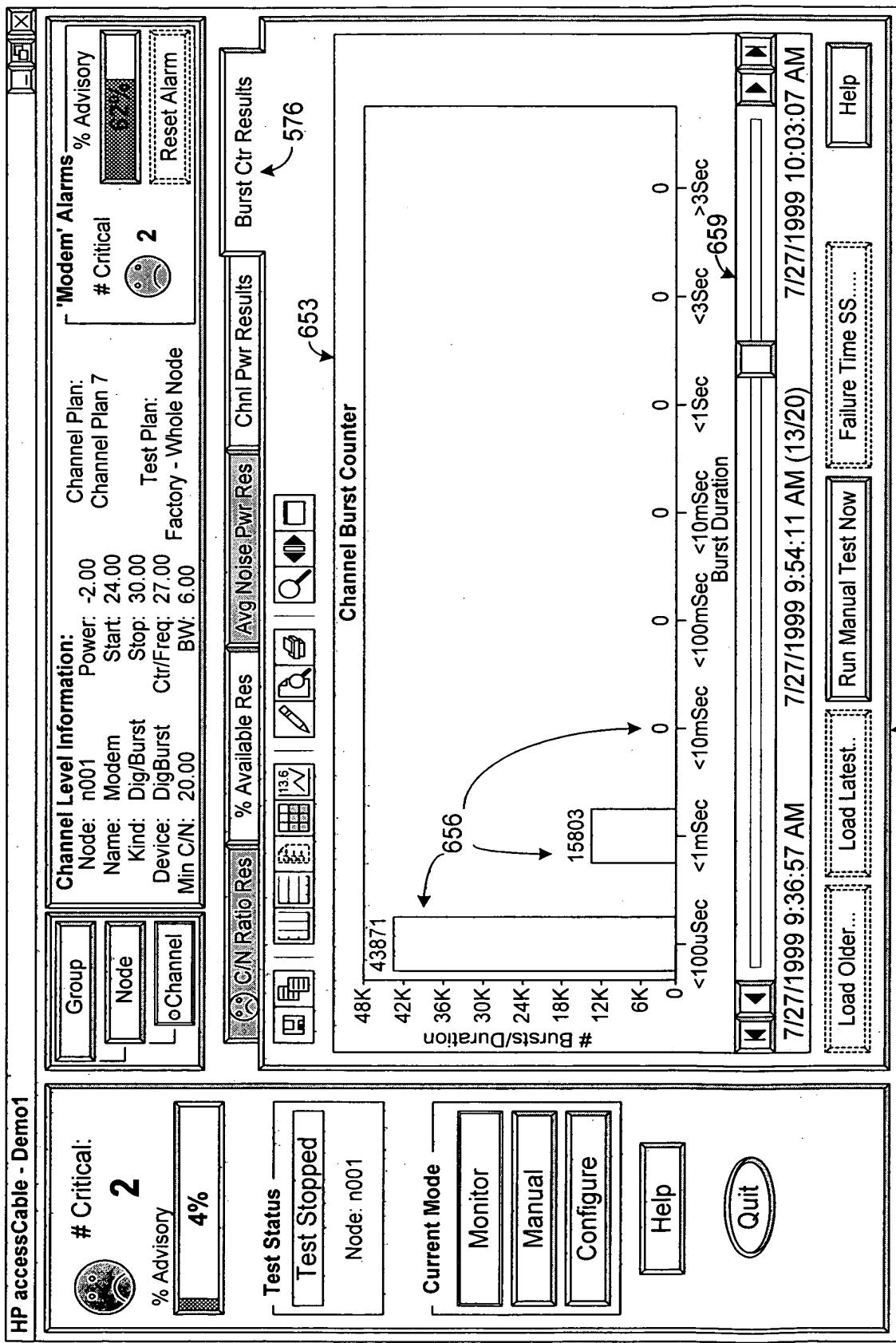


FIG. 11K

559e

TEST CONFIGURATION GUI NAVIGATION

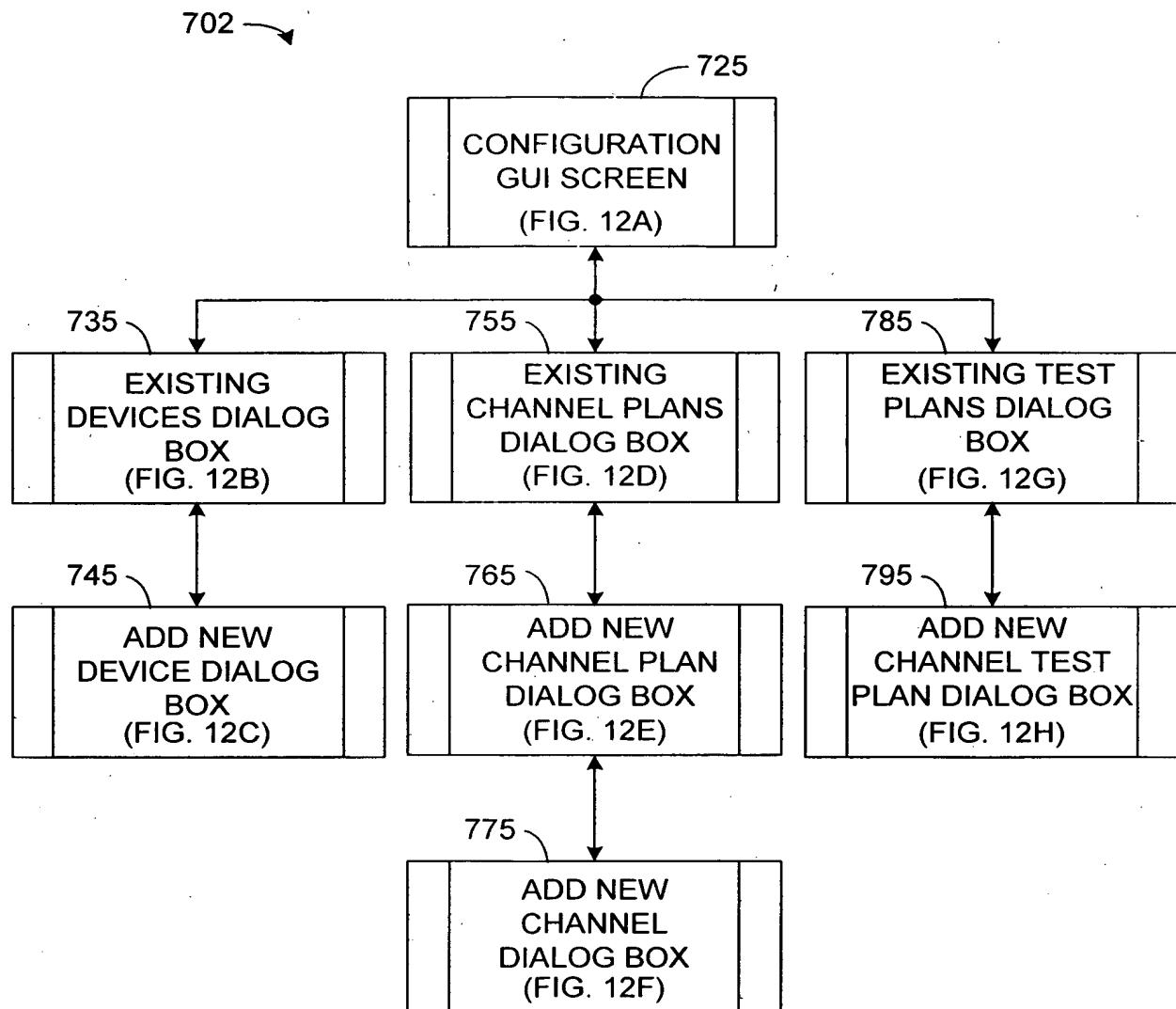


FIG. 12

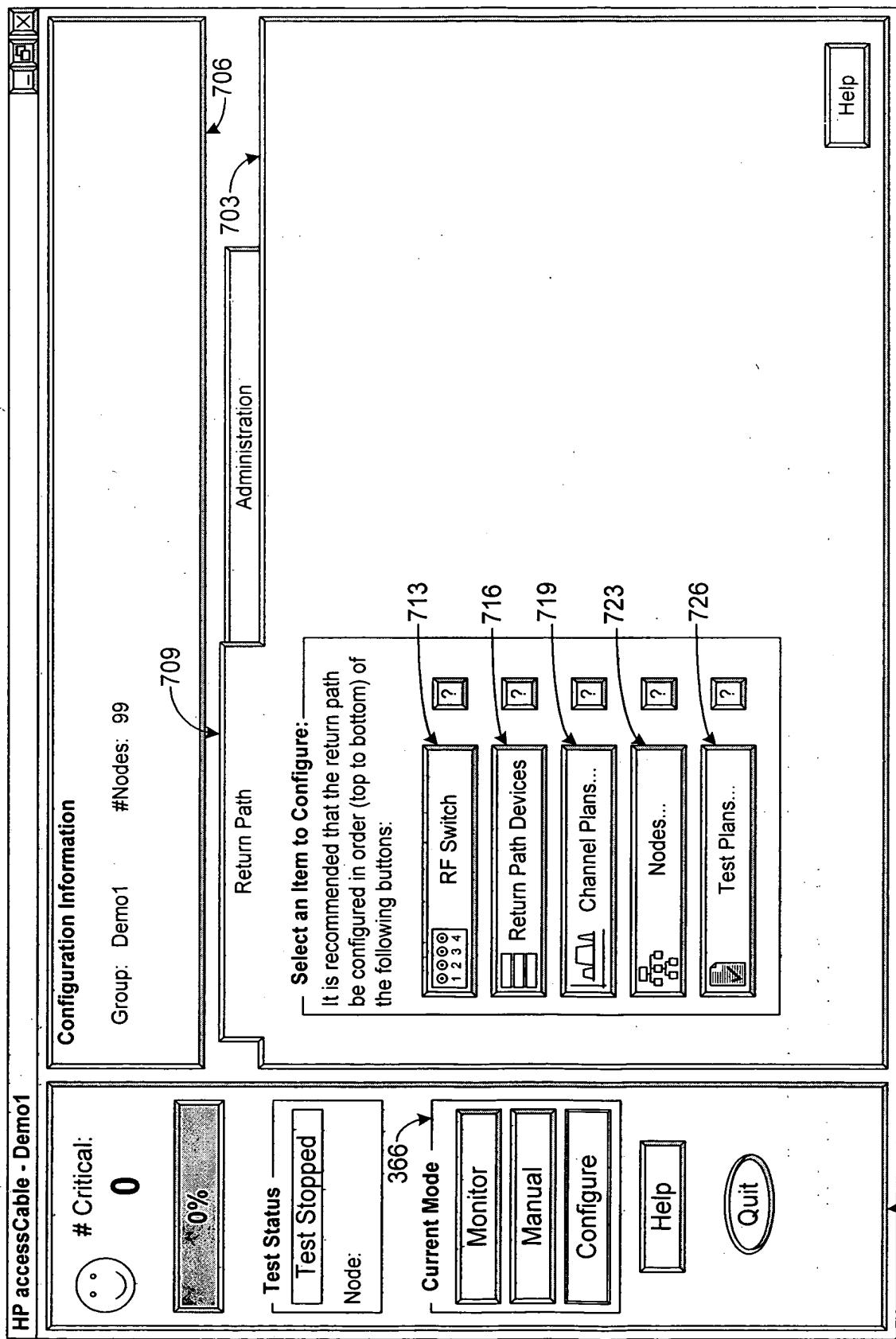


FIG. 12A

700→

353

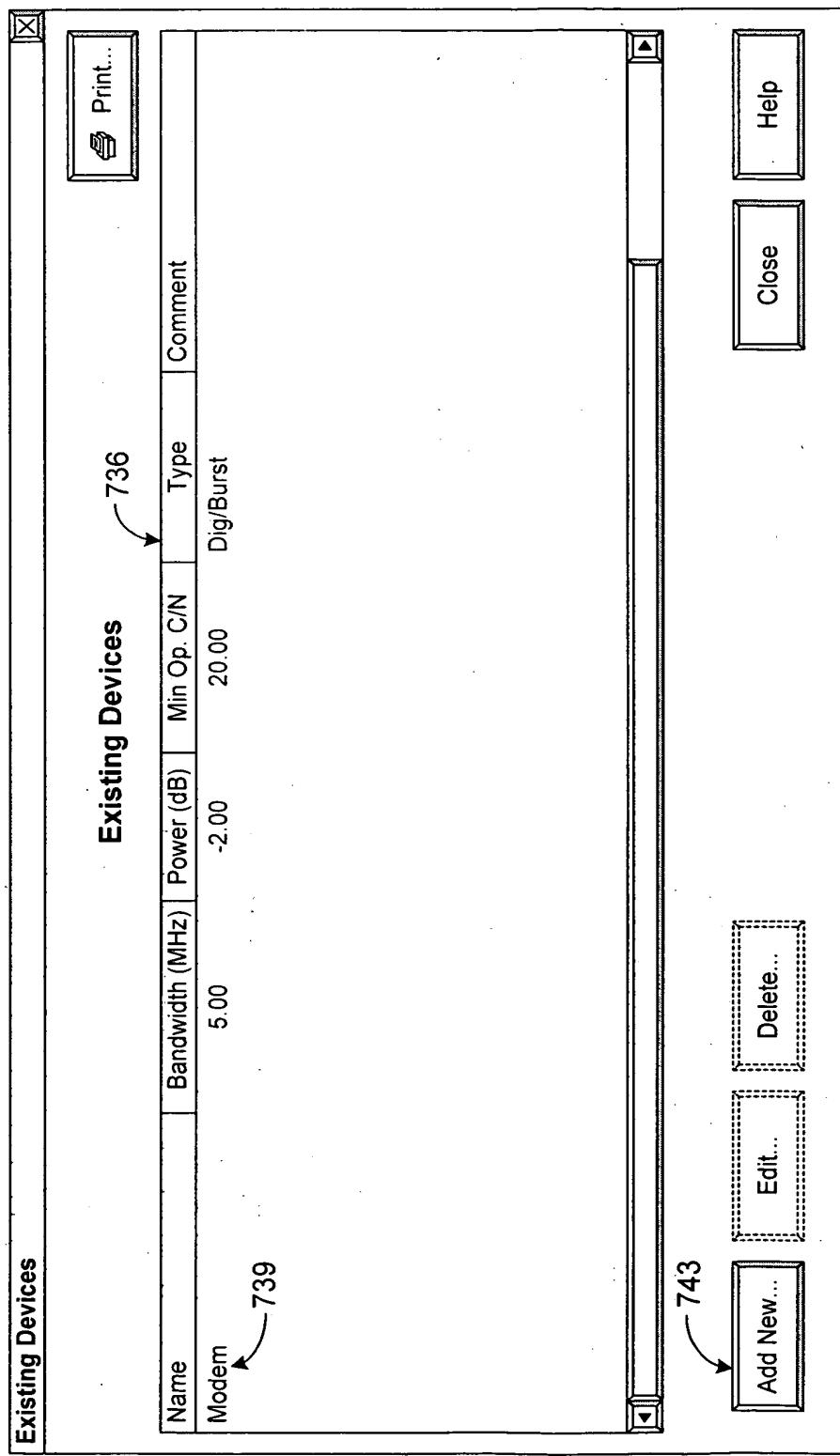


FIG. 12B

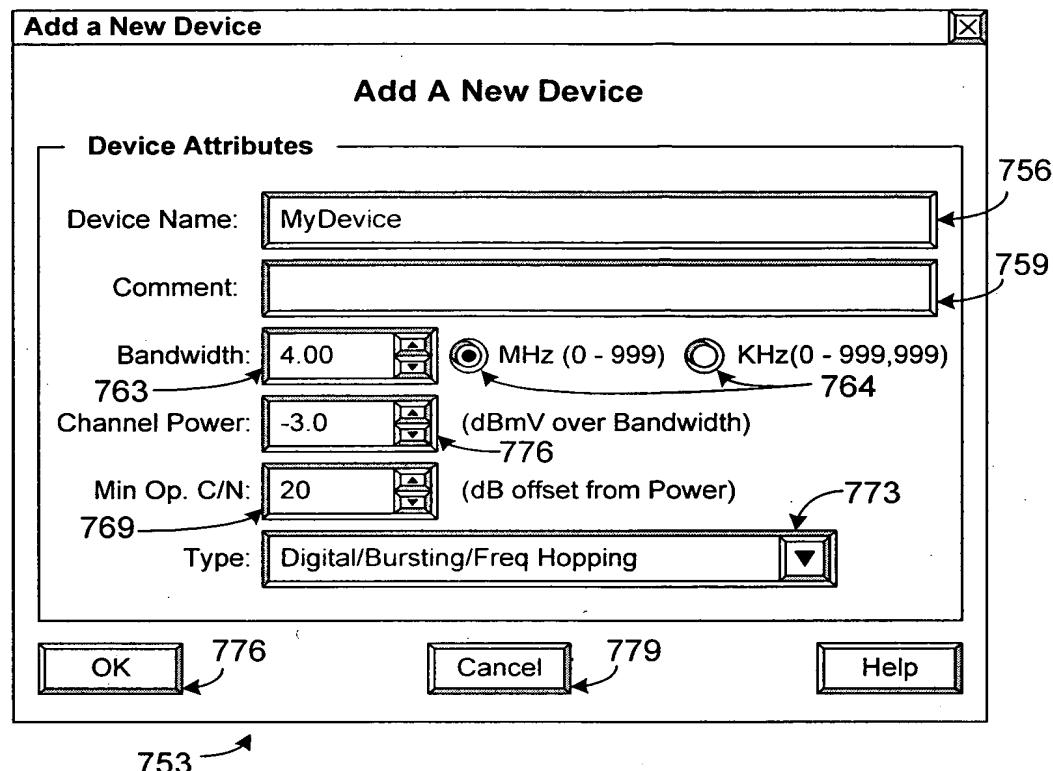


FIG. 12C

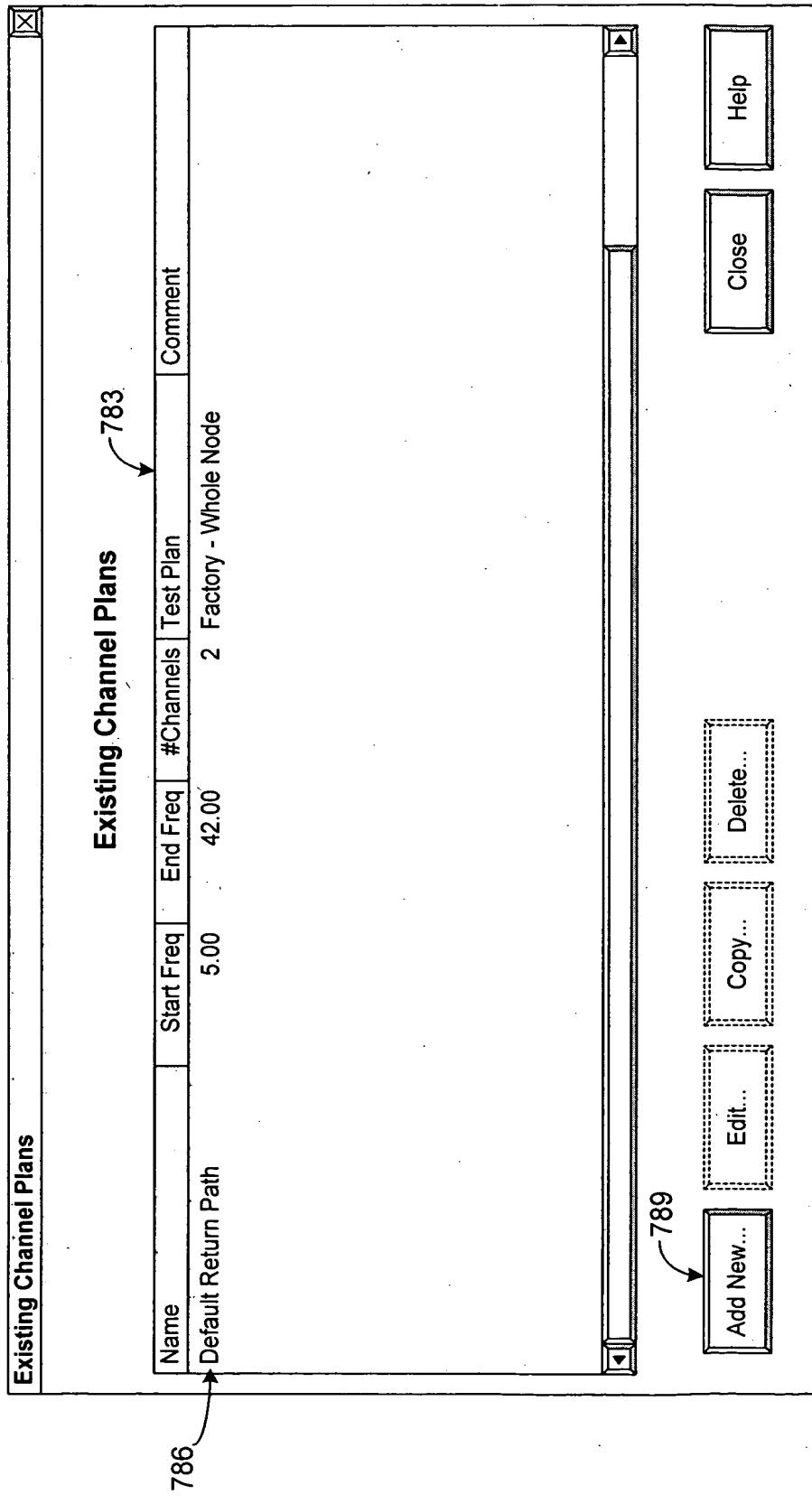


FIG. 12D

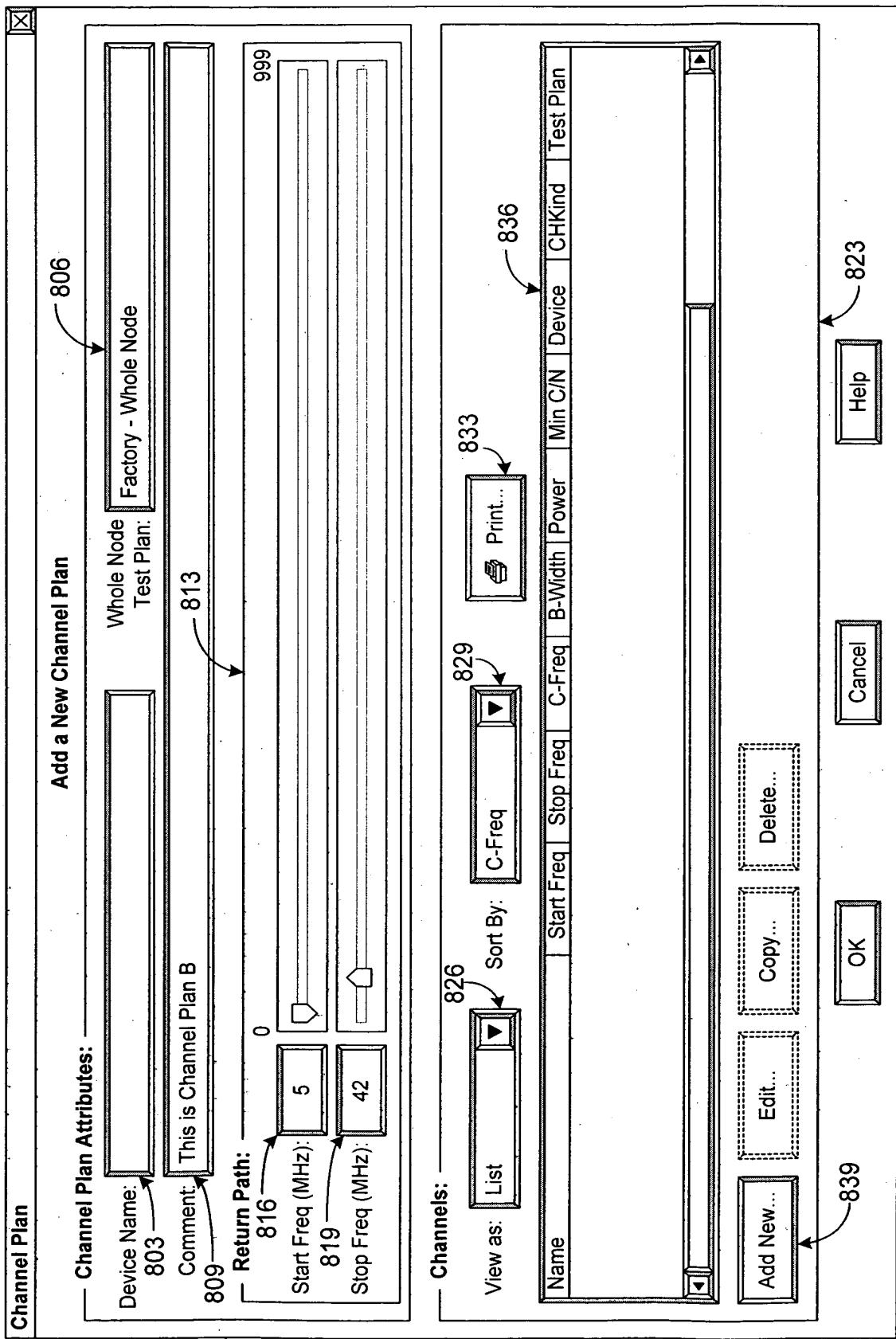


FIG. 12E

Add a New Channel

Add A New Channel

Channel Attributes

Name: 853

Center Frequency

856 5 42
Cnt Freq (MHz) 863

Values from a Device
 Values Specified Below

Device: 859
(Description)

Bandwidth: (MHz) 866 869

Channel Power: (dBmV over Bandwidth) 873

Min Op. C/N: (dB offset from Power) 876

Channel Type: 879

Test Plan: 879

Buttons

OK 881 Cancel 883 Help 850

FIG. 12F

Existing Test Plans

Existing Test Plans

800

011

042

913 → Edit... Copy... Delete...

**Add New Channel
Test Plan...**

Add New Whole
Node Test Plan...

Help

A small red square button with a white 'X' inside, located in the bottom right corner of the window.

7
Delete...

Copy...

Edit...

**Add New Change
Test Plan.**

Add New Whole
Code Test Plan...

111

900

FIG. 12G

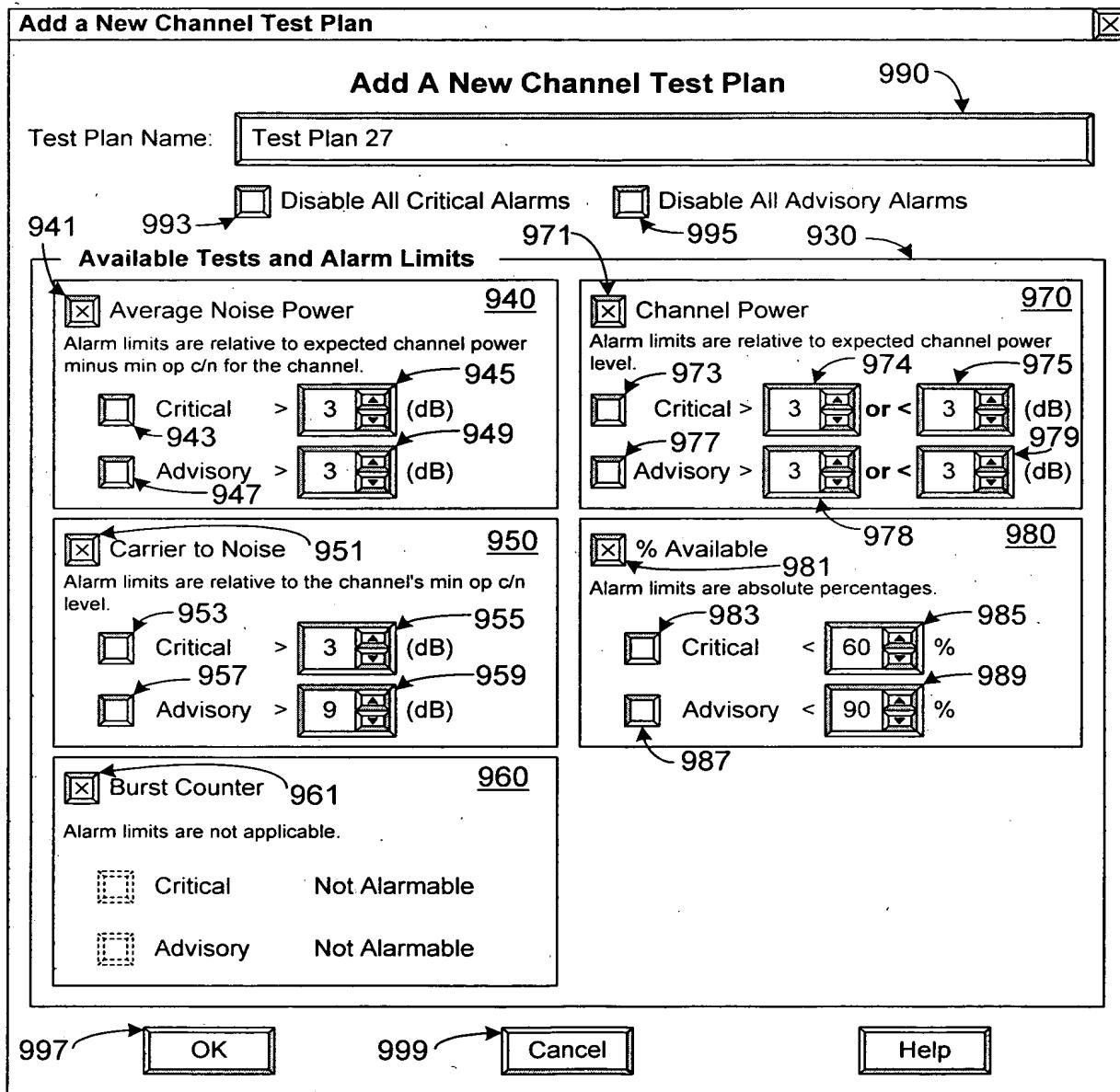


FIG. 12H